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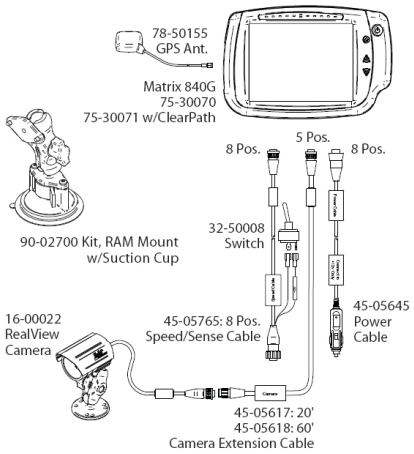
Matrix® Pro 840GS

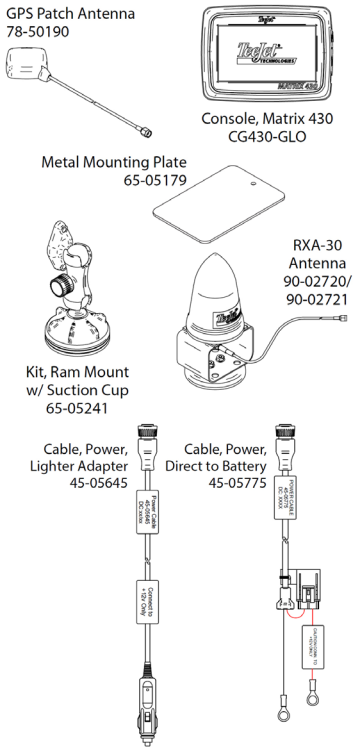


		Price $
	KITS	
90-02828	Kit, Matrix Pro 840GS No RX, No Ant, No Cam, WP	2147.20
90-02829	Kit, Matrix Pro 840GS No RX, No Ant, Cam, WP	2339.84
90-02830	Kit, Matrix Pro 840GS SBAS, Patch Antenna Cig Plug	2250.00
90-02831	Kit, Matrix Pro 840GS SBAS, Patch Antenna, Camera, Cig	2450.00
90-02832	Kit, Matrix Pro 840GS SBAS, RXA-30 Antenna, Cig	2500.00
90-02833	Kit, Matrix Pro 840GS SBAS, RXA-30 Antenna, Cam, Cig	2700.00
90-02834	Kit, Matrix Pro 840GS SBAS/GLONASS, Patch Antenna, Cig	2558.08
90-02835	Kit, Matrix Pro 840GS SBAS/GLONASS, Patch Antenna, Camera, Cig Plug	2750.72
90-02836	Kit, Matrix Pro 840GS SBAS/GLONASS, RXA-30 Antenna	2802.56
90-02837	Kit, Matrix Pro 840GS SBAS/GLONASS, RXA-30 Antenna, Camera, Cig Plug	2995.20
90-02842	Kit, Matrix Pro 840GS SBAS, Base Kit, No Antenna.	2190.08
90-02843	Kit, Matrix Pro 840GS SBAS/GLONASS, Base Kit, No Antenna.	2483.20
90-02844	Kit, Matrix Pro 840GS SBAS, RXA-30 Antenna, Camera w/ 30' Cable.	2737.28
	CABLES	
45-05645	Cable, Power, US Style Lighter Adapter.	58.64
45-05765	Cable, Speed Output/Sense In.	65.98
45-05775	Cable, Power, Direct to Battery, 10'/3 m.	65.20
45-20042	Cable, GPS speed, 844 to DJ.	56.20
45-05508	Cable, GPS speed, Raven to DJ.	56.20
	MISCELLANEOUS	
99-01038	Extended Warranty for Matrix Pro 840GS.	295.75
98-05273-**	MATRIX® PRO GS User Manual.	35.09
	**Specify language in part number	

Matrix® Pro 570GS

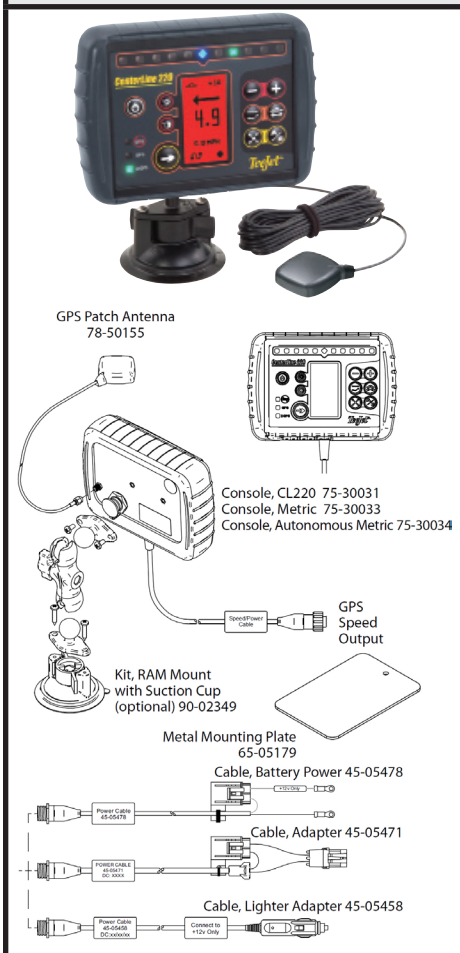
	KITS	
90-02810	Kit, Matrix Pro 570GS SBAS, Patch Antenna, Camera, Cig	1850.00
90-02811	Kit, Matrix Pro 570GS SBAS/GLONASS, Patch Antenna, Camera, Cig Plug	2048.64
90-02812	Kit, Matrix Pro 570GS No RX, No Ant, No Cam, WP	1546.88
90-02813	Kit, Matrix Pro 570GS No RX, No Ant, Cam, WP	1739.52
90-02814	Kit, Matrix Pro 570GS SBAS, Patch Antenna Cig Plug	1650.00
90-02815	Kit, Matrix Pro 570GS SBAS, RXA-30 Antenna, Cig	1900.00
90-02816	Kit, Matrix Pro 570GS SBAS, RXA-30 Antenna, Cam, Cig	2100.00
90-02817	Kit, Matrix Pro 570GS SBAS/GLONASS, Patch Antenna, Cig	1958.40
90-02818	Kit, Matrix Pro 570GS SBAS/GLONASS, RXA-30 Antenna	2202.24
90-02819	Kit, Matrix Pro 570GS SBAS/GLONASS, RXA-30 Antenna, Camera, Cig Plug	2395.52
90-02822	Kit, Matrix Pro 570GS SBAS/GLONASS, RXA-30 Bat. Leads	2220.16
90-02824	Kit, Matrix Pro 570GS SBAS, Base Kit, No Antenna.	1590.40
90-02825	Kit, Matrix Pro 570GS SBAS/GLONASS, Base Kit, No Antenna.	1864.32
90-02827	Kit, Matrix Pro 570GS SBAS, RXA-30 Antenna, Camera w/ 30' Cable.	2192.00
	CABLES	
45-05645	Cable, Power, US Style Lighter Adapter.	58.64
45-05765	Cable, Speed Output/Sense In.	65.98
45-05775	Cable, Power, Direct to Battery, 10'/3 m.	65.20
45-20042	Cable, GPS speed, 844 to DJ.	56.20
45-05508	Cable, GPS speed, Raven to DJ.	56.20
	MISCELLANEOUS	
99-01037	Extended Warranty for Matrix Pro 570GS.	265.64
98-05273-**	MATRIX® PRO GS User Manual.	35.09
	**Specify language in part number	

Matrix 430



		Price $
	KITS	
GD430-GLO-P-B	Kit, Matrix 430, GLONASS, Patch Antenna, Battery Leads	990.00
GD430-GLO-P-L	Kit, Matrix 430, GLONASS, Patch Antenna, US lighter Connector	990.00
GD430-GLO-R30-B	Kit, Matrix 430, GLONASS, RXA-30 Antenna, Battery Leads.	1250.00
GD430-GLO-R30-L	Kit, Matrix 430, GLONASS, RXA-30 Antenna, US lighter Connector	1250.00
	COMPONENTS	
CG430-GLO	Matrix 430 Console, GLONASS	832.74
45-05645	Cable, Power, US Style Lighter Adapter	58.64
45-05775	Cable, Power, Direct to Battery, 10'/3 m.	65.20
65-05241	Kit, Ram Mount with Suction Cup	19.74
65-05179	Metal Mounting Plate (Also Requires 3 Velcro Strips #60-10081)	7.04
78-50190	Antenna, GPS Patch L1 with GLONASS	145.62
90-02720	Kit, RXA-30 Antenna with 20'/6 m Cable	386.05
90-02721	Kit, RXA-30 Antenna with 30'/9 m Cable	415.37

Centerline® 220



		Price $
	KITS/ANTENNA	
90-02399	Kit, CenterLine 220, SBAS, Patch antenna, Cig Plug	688.00
90-02400	Kit, CenterLine 220, Metric, SBAS, Patch antenna, Cig Plug	688.00
90-02401	Kit, CenterLine 220, Autonomous Metric, Patch, Cig Plug	688.00
90-02397	Kit, CenterLine 220, Autonomous Metric, Patch, Bat Plug	714.24
90-02472	Kit, Patch Antenna Extension 10'	88.26
90-02473	Kit, Patch Antenna Extension 6'	70.17
90-02702	Kit, CenterLine 220 US with RXA 30 Antenna	1030.00
90-02721	Kit, RXA-30 Antenna w/ 30' Cable	415.37
65-05179	Metal Mounting Plate (Also requires 3 Velcro® Strips – #60-10081)	7.04
78-50155	Antenna, GPS Patch II with Cable, 13'	97.73
90-02349	Kit, RAM Mount with Suction Cup	73.20
	CONSOLES	
75-30031	Console, CenterLine 220	598.88
75-30033	Console, CenterLine 220, Metric	598.88
45-05458	Cable, CenterLine 220, Lighter Adapter	50.14
45-05459	Cable, CenterLine 220, GPS Simulator	62.16
45-05471	Cable, Adapter WP to CenterLine 220	32.15
45-05476	Cable, CenterLine 220, GPS Data Programming Rev 1	76.23
45-05478	Cable, CenterLine 220, Battery Power	62.16
45-05508	Cable, 220 to Raven Console for Speed	56.20
45-05559	Cable, CenterLine 220, Programming Adapter	76.23
45-20042	Cable, 844 to DJ	56.20
	MISCELLANEOUS	
99-01015	Extended Warranty, CenterLine 220	156.37
98-01162	User Guide, CenterLine 220, US	2.05

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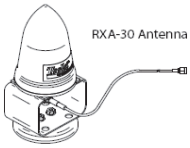
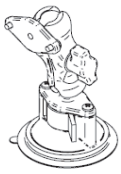
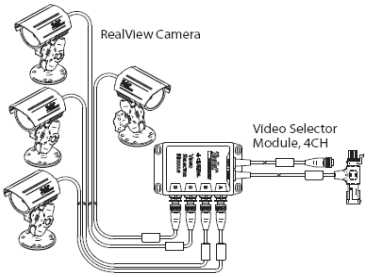
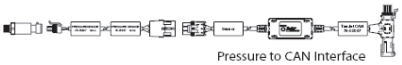
TeeJet TECHNOLOGIES Matrix® PRO GS Accessories





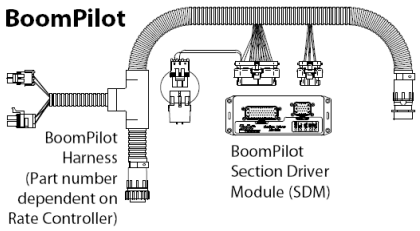


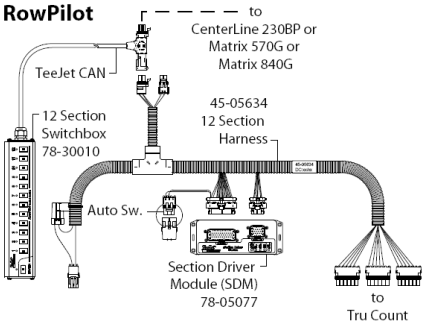


		Price $
	DROPLET SIZE MONITOR	
90-04005	Kit, DSM Pressure Interface, 10'/3 m.	422.63
90-04006	Kit, DSM Pressure Interface, 32'/10 m.	436.63
	CAMERAS	
90-02546	Kit, RealView Camera, w/ Mount w/ 20' Cable	215.59
90-02719	Kit, RealView Camera, w/ Mount w/ 60' Cable	72.84
90-02565	Kit, Video Selector w/ 4 Cameras & 20' Extension	1,263.35
78-08067	Video Selector Module, 4 Channel Video MUX	400.99
78-08068	Video Selector Module, 8 Channel Video MUX	466.82
	MOUNTING	
90-02349	Kit, RAM Mount w/ Suction Cup, Matrix 570GS	71.76
90-02700	Kit, RAM Mount w/ Suction Cup, Matrix 840GS	93.35
65-05243	Kit, Mounting Bracket, RX520 Receiver	76.80
78-50179	Magnetic Mount for Camera	34.41
65-05179	Plate, Mounting for Patch Antenna	6.90
65-05185	RAM Mount for Camera	34.41
	ANTENNA	
90-02738	Kit, GPS Patch Antenna w/ Mounting Hardware	105.41
78-50155	Antenna, GPS Patch II, 4 Meter	95.82
78-50190	Antenna, GPS Patch L1 w/ GLONASS	142.77
78-50186	Antenna, GPS RXA-30, no Cable	292.24
90-02720	Kit, RXA-30 Antenna w/ 20' Cable	378.48
90-02721	Kit, RXA-30 Antenna w/ 30' Cable	407.23
78-50203	Receiver, RX375P	1,519.28
78-50159	Receiver, RX410P, w/ Antenna	3,419.83
90-02893	Kit, GNSS Rec, RX 520, L1/L2, ClearPath, Autonomous	2205.00
90-02894	Kit, GNSS Receiver, RX 520, L1/L2, ClearPath, SBAS	2205.00
90-02895	Kit, GNSS Receiver, RX 520, L1/L2, ClearPath, SBAS, PPP	4795.00
90-02899	Kit, GNSS Rec, RX 520, L1/L2, ClearPath, PPP, No SBAS	4795.00
	CABLES	
45-05645	Cable, Power, 12V	57.49
45-05775	Cable, Power, Direct to Battery, 10'	63.92
45-05617	Cable, Camera Extension, 20'	93.43
45-05618	Cable, Camera Extension, 60'	122.84
45-05865	Cable, Camera Extension, 30'	110.90
45-05676	Cable, GPS Antenna Extension for Patch or RXA-30, 25'	122.84
45-05626	Cable, Power CAN, RS232 Adapter to Conxall 8 Plug	147.46
45-05786	Cable, RXA-30 Antenna, 20'	113.06
45-05787	Cable, RXA-30 Antenna, 30'	167.11
45-05615	Cable, Matrix Speed Output/Sense, 4 Pos	57.49
45-05765	Cable, Matrix Speed Out/Sense in	64.68
45-05396	Cable, Power 3 Pos Amp, 10, 3, 2 Pos WP	87.15
45-05957	Cable, RX520 to Power & Serial Com 1	109.04
78-05097	Cable, Pressure to Can Interface	238.30
45-05887	Cable, Power, Direct to Battery, 10'	23.63
45-05886	Cable, Power, Direct to Battery, 10'	50.75
	WARRANTIES	
99-01037	Extended Warranty for Matrix Pro 570GS	265.64
99-01038	Extended Warranty for Matrix Pro 840GS	295.74
	MISCELLANEOUS	
90-02759	Kit, Tilt Sensor for Matrix Guidance Systems, w/ CAN and Power Cable 45-05626	819.58

BoomPilot® for Matrix® Pro

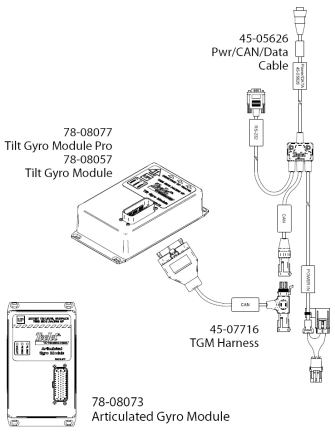
		Price $
	SDM/HARNESS	
90-02572	Kit, BoomPilot SDM/Harness Generic	1,030.04
90-02666	Kit, BoomPilot SDM/Harness TeeJet	1,030.04
90-02667	Kit, BoomPilot SDM/Harness Raven 440-460	1,030.04
90-02668	Kit, BoomPilot SDM/Harness Raven 4000	1,030.04
90-02669	Kit, BoomPilot SDM/Harness Raven Spra Coupe 3000/4000 Series	1,317.49
90-02671	Kit, BoomPilot SDM/Harness Willmar w/ Mid-Tech Controls, Air Ride, Eagle 8100, 8500, Rangers	1,030.04
90-02672	Kit, BoomPilot SDM/Harness Spra Coupe 7xxx w/ Raven 4000	1,030.04
90-02674	Kit, BoomPilot SDM/Harness 844 Classic US	1,030.04
90-02675	Kit, BoomPilot SDM/Harness Single Section	1,030.04
90-02677	Kit, BoomPilot SDM/Harness Case Spx, w/ Raven 400 Controls	1,030.04
90-02678	Kit, BoomPilot SDM/Harness Hagie, Split Signal, Raven 460	1,030.04
90-02679	Kit, BoomPilot SDM/Harness Hagie STS '06 - '09	1,030.04
90-02680	Kit, BoomPilot SDM/Harness Rogator '03-'06, DT Connector 8 pos	1,030.04
90-02681	Kit, BoomPilot SDM/Harness '09 Apache Raven 5000	1,030.04
90-02682	Kit, BoomPilot SDM/Harness 844E-10	1,030.04
90-02683	Kit, BoomPilot SDM/Harness Non-AGCO w/ Raven 4400 - 4600	1,030.04
90-02756	Kit, BoomPilot SDM/Harness '10 and Newer Hagie STS	1,030.04
90-02760	Kit, BoomPilot SDM/Harness 12 pos Rogator DT-12 1054/1254/1264	1,030.04
90-02803	Kit, BoomPilot SDM/Harness Miller Condor G Series	1,030.04
	ROWPILOT	
90-02571	Kit, RowPilot includes 78-30010, 12 Section Switchbox; 45-05634, Harness; 78-05077,	1,415.13
78-05077	BoomPilot Section Driver Module DM Software	718.63
	COMPONENTS	
78-05072	BoomPilot Section Driver Module	718.63
78-05077	BoomPilot Section Driver Module DM Software	718.63
45-05609	Harness, BoomPilot Generic	311.40
45-05719	Harness, BoomPilot TeeJet 844	311.40
45-05742	Harness, BoomPilot 844 Classic, US	311.40
45-05596	Harness, SDM 9-Section, 844E Master Valve Support	260.66
45-05740	Harness, BoomPilot Willmar w/ Mid-Tech Controls, Air Ride, Eagle 8100, 8500, Rangers	311.40
45-05750	Harness, BoomPilot Apache '09-'10 Raven 5000	311.40
45-05746	Harness, BoomPilot Case SPX w/ Raven 4000 Control	311.40
45-05747	Harness, BoomPilot Hagie Split Single, Raven 460	311.40
45-05748	Harness, BoomPilot Hagie STS '06 - '09	311.40
45-05737	Harness, BoomPilot Raven 4000	311.40
45-05720	Harness, BoomPilot Raven 440	311.40
45-05709	Kit, BoomPilot SDM/Harness Non-AGCO w/ Raven 4400 - 4600	311.40
45-05738	Harness, BoomPilot Raven Spra Coupe 3000/4000 Series	598.86
45-05749	Harness, BoomPilot Rogator '03 - '06, DT Connector 8 pos	311.40
45-05743	Harness, BoomPilot Single Section	311.40
45-05741	Harness, BoomPilot Spra Coupe 7xxx w/ Raven 4400-4600	311.40
45-05831	Harness, BoomPilot '10 and Newer Hagie STS	311.40
45-05844	Harness, BoomPilot 12 pos Rogator DT-12 1054/1254/1264	311.40
45-05869	Harness, BoomPilot Miller Condor G Series	311.40





Gyro and Tilt Correction

	KITS	
90-02757	Kit, Tilt Gyro Module for Matrix Pro w/ BoomPilot	640.74
90-02759	Kit, Tilt Sensor for Matrix Pro w/ CAN and Power Cable 45-05626	819.58
91-00022	Kit, Articulated Gyro w/ Harness w/ 20' Extension Cable, Matrix Pro	620.35
	CABLES	
45-05626	Cable, Power CAN, RS232 Adapter to Conxall 8 Plug	147.46
45-08112	Cable, CAN Extension 12'	65.57
45-08117	Cable, CAN Extension 20'	69.48
45-08118	Cable, CAN Extension 30'	90.24
45-07716	Harness, Tilt Gyro Module CAN Tee	105.21
78-08057	Module, Tilt Gyro	527.00
78-08077	Module, Tilt Gyro Pro	527.00
78-08076	Module, Articulated Gyro Pro	518.33



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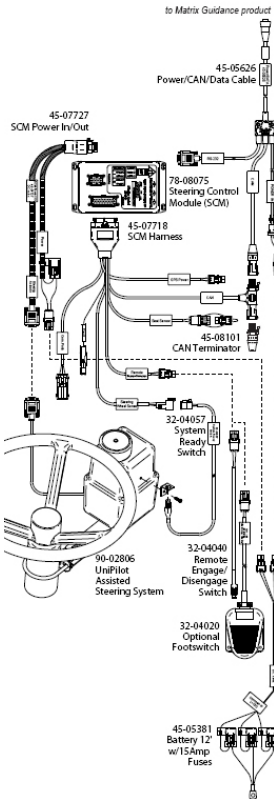
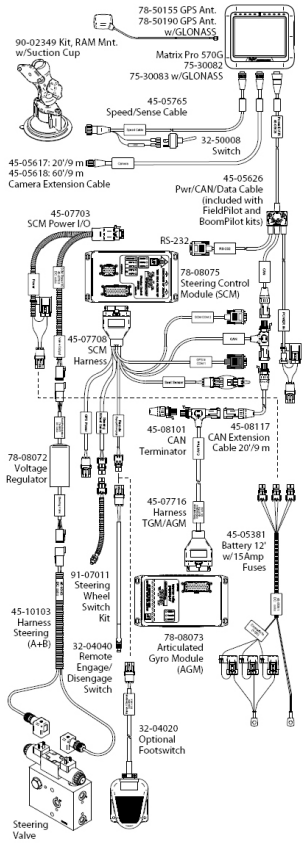
TeeJet TECHNOLOGIES UNIPilot® for Matrix® Pro



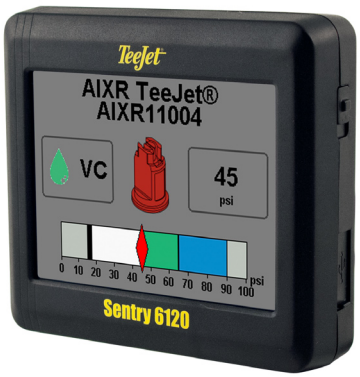
		Price $
	KITS	
91-02400	Kit, UniPilot System w/ SCM, ESM, and Mounting Bracket (Matrix not Included)	4,181.65
91-02402	Kit, UniPilot New System, w/o Power/CAN/Data Cable	4,107.92
90-02806	Kit, UniPilot ESM and Brackets only	3,356.50
	UNIPILOT SYSTEM OPTIONS	
28-01030	Friction Wheel, Electric Steering Motor	36.82
91-07015	Kit, Universal Mounting Brackets, UniPilot	99.06

TeeJet TECHNOLOGIES FieldPilot® for Matrix® Pro



	FIELDPILOT FOR MATRIX PRO SYSTEM KITS	
91-00018	FieldPilot for Matrix Pro New System Kits Contains: 45-05381, Cable, Power 3-lead; 45-05626, Cable, Power/CAN/RS232 to Conxall 8 pos; 45-08101, CAN Terminator; 45-07708, Harness, SCM to CAN; 78-08075, Steering Control Module, CAN; 78-08072 Voltage Regulator **HYDRAULIC INSTALL KIT NOT INCLUDED** Call for Support	2,036.78
91-00019	FieldPilot for Matrix New System Kits for Additional Vehicle Contains: 45-05381, Cable, Power 3-lead; 45-05626, Cable, Power/CAN/RS232 to Conxall 8 pos; 45-08101, CAN Terminator; 45-07708, Harness, SCM to CAN; 78-08072 Voltage Regulator; 60-10081, GPS Antenna Mounting Velcro; 65-05179, GPS Antenna Mounting Plate	319.28
	FIELDPILOT SYSTEM OPTIONS	
32-04020	Engage / Disengage Footswitch	145.05
78-05112	Reverse Sense Module	251.39
78-08072	Voltage Regulator. FP1 158.75	112.79
90-02472	Kit, Patch Antenna Extension 10'	86.53
90-02473	Kit, Patch Antenna Extension 6'	68.80
90-02546	Camera Kit w/ 20' Cable.	215.59
90-02720	Kit, RXA-30 Antenna w/ 20' Cable	378.48
90-02721	Kit, RXA-30 Antenna w/ 30' Cable	407.23
91-00022	Kit, Articulated Gyro Module w/ Harness w/ 20'Extension Cable	620.35
45-05396	Cable, Power 3 Pos Amp, 10, 3, 2 Pos WP	87.15

TeeJet TECHNOLOGIES Droplet Size & Tip Flow Monitors



		Price $
	SENTRY 6120 DROPLET SIZE MONITOR CONSOLES AND KITS	
90-02846	Kit, Sentry 6120 w/ US Lighter Cable.	670.25
90-02848	Kit, Sentry 6120 w/ Battery Leads.	673.75
75-30118	Console, Sentry 6120, Droplet Size Monitor .	481.25
	CABLES AND POWER ADAPTERS	
45-05279	Cable, US Style Cigarette Lighter.	55.57
401-0016	Cable, Battery Adapter, 2'/0.7 m.	37.07
45-05886	Cable, Pressure Sensor, 25'/8 m.	50.75
404-0045	Cable, Extension, 18'/5 m.	65.57
404-0039	Cable, Extension, 25'/8 m.	72.56
	SENSORS	
16-05015	Pressure Sensor, 10 Bar.	157.38
	MOUNTING	
65-05241	Kit, Sentry Ram Mount w/ Suction Cup.	19.36
	SENTRY 6140 TIP FLOW MONITOR USER INTERFACE	
90-02871	Kit, Sentry 6140 Console and Mount.	520.63
75-30100	Sentry 6140 Console.	503.13
65-05241	RAM Mount.	19.36
	TIP FLOW MONITOR KIT	
90-02852	Kit, Tip Flow Interface and Harness Includes: 78-05101, 45-10148, 45-05855, 45-05856, 78-05091.	1,207.50
78-05101	Tip Flow Monitor Interface.	683.31
45-10148	Harness, Tip Flow Monitor Interface.	231.06
45-05855	Terminator - Female.	39.38
45-05856	Terminator - Male.	39.38
	POWER CABLE ADAPTERS	
45-05279	Cable, US Style Lighter Adapter.	55.57
401-0016	Cable, Battery Adapter.	37.07
	INTERFACES/SENSORS	
78-05105	Dual Tip Sensor Interface, Snap-in Sensor.	166.25
78-05104	Single Tip Sensor Interface, Snap-in Sensor.	105.00
	BOOM SENSE HARNESS	
45-10142	Boom Sense Harness, Generic.	202.64
45-10153	Harness, BS, Sentry 6140, Hagie STS-10, 2006-2009	446.10
	EXTENSION CABLES	
45-05900	Cable, 5' Console Extension	70.00
45-05901	Cable, 10' Console Extension	78.75
45-05902	Cable, 20' Console Extension	100.63
45-05903	Cable, 40' Console Extension	140.00
45-05857	Cable, 3' Sensor Extension.	49.16
45-05858	Cable, 6' Sensor Extension.	53.03
45-05859	Cable, 12' Sensor Extension.	60.77
45-05864	Cable, 35' Sensor Extension.	90.46
	NOZZLE FLOW SENSOR AND COMPONENTS	
57-00122	Flow Meter Assembly, Snap-in Sensor.	64.75
57-00123	Flow Meter Gasket.	5.03

TeeJet TECHNOLOGIES Automatic Sprayer Control Kits

	RADION 8140/844/854 SPRAYER CONTROL KIT	
90-50259	Kit, 5-Section Radion 8140, Ram Mount, Power Cable, User Guide	1,520.83
90-50263	Kit, 7-Section Radion 8140, Ram Mount, User Guide	1,521.89
90-50265	Kit, 9-Section Radion 8140, Ram Mount, User Guide	1,599.34
90-50268	Kit, 844E-5, Mounting Bracket, Power Cable, User Guide	902.96
90-50269	Kit, 854, Mounting Bracket, Power Cable, User Guide	1,047.93
	Main Harness	
45-10106-MD	Harness, 5 section Ball Valves, Mini-DIN	603.20
45-10106-PC	Harness, 5 section Ball Valves, 3-pos Weather-Pack	603.20
45-10152-MD	Harness, 9 section Ball Valves, Mini-DIN	704.39
45-10152-PC	Harness, 9 section Ball Valves, 3-pos Weather-Pack	704.39
45-10050	Harness, Extension with Power, 10-Section	305.45
45-05914	Cable, Radion CAN to Matrix, 5'	124.75
45-05920	Cable, Radion CAN to TeeJet CAN, 4 pos W/P	86.63
45-20239	Harness, Extension with Power & Speed, 5-Section	227.54
45-20237	Harness, Extension, 5 or 10-Section, 10'	153.47
45-20242	Harness, Extension, 5 or 10-Section, 23'	195.13

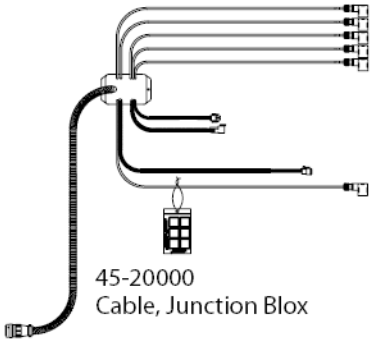
TeeJet TECHNOLOGIES Automatic Sprayer Control Kits

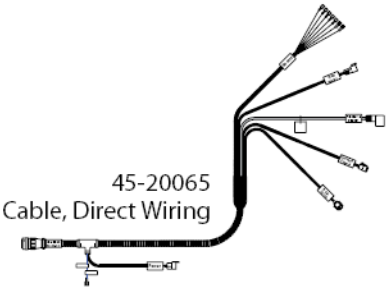
		Price $
	854 SPRAYER CONTROL KIT	
90-02108	Kit, 854 w/26' Main Harness, Brkt, Pwr Cables, & Manual	1,208.52
75-50001	854 Console	1,002.57
98-05051	User Guide, 854 Sprayer Control	13.17
	844-E SPRAYER CONTROL KIT	
90-50017	Kit, 844E-5 w/26' main harness, Brkt, Pwr Cables, & Manual	1,061.96
90-02251	Kit, 844E-5 w/17' main harness, Brkt, Pwr Cables, & Manual	1,029.56
75-50011	Console, 844-E-5 Console Only	850.67
98-70006	User Guide, 844-E Sprayer Control	12.41
	844-AB-4 AIRBLAST CONTROL KIT	
90-50018	Kit, 844-AB-4 w/26' main harness, Brkt, Pwr Cables, & Manual	1,516.21
75-50007	Console, 844-AB-4 Console Only	1,319.58
98-70007	User Guide, 844-AB Sprayer Control	19.33
	834-P SPRAYER CONTROL KIT	
90-50225	Kit, 834-P Core (includes Console, Mounting Brackets, Cables, Booster Module, Pressure Sensor, Proximity Sensor, and Manual)	1,197.69
90-02585	Kit, 834-P Core (includes Console, Mounting Brackets, Cables, Booster Module, Pressure Sensor, GPS spd Sensor, and Manual)	1,469.14
75-50048	Console, 834-P Console Only	402.59
78-08012	Booster Module, 25 AMP	195.13
98-70028	User Guide, 834-P Sprayer Control	11.11

TeeJet TECHNOLOGIES Manual Sprayer Control Kits

	744A 3-SWITCH KITS with Liquid Filled Gauges	
75-50033	Console only, 744, 3-Switch, 100PSI Gauge	175.13
75-50035	Console only, 744, 3-Switch, 300PSI Gauge	212.12
90-50149	744 Kit w/ 100 PSI Gauge, Solenoid Harness, No Regulator	202.12
90-02439	744 Kit w/ 100 PSI Gauge, Ballvalve Harness, No Regulator	300.02
90-50151	744 Kit w/ 300 PSI Gauge, Ballvalve Harness, No Regulator	308.52
90-02580	744 Kit w/ 100 PSI Gauge, Ballvalve Harness, BRL Regulator	407.25
90-02579	744 Kit w/ 300 PSI Gauge, Ballvalve Harness, BRL Regulator	407.25
90-50161	744 Kit w/ 100 PSI Gauge, Solenoid Harness, Butterfly Regulator	239.12
90-50163	744 Kit w/ 100 PSI Gauge, Solenoid Harness, Butterfly Regulator, & (3)- 144A Boom Valves	383.33
90-50177	744 Kit w/ 100 PSI Gauge, Solenoid Harness, Butterfly Regulator, & (3)- 144P Boom Valves	517.49
90-50238	744 Kit w/ 100 PSI Gauge, Ballvalve Harness, BPR Regulator	402.59
90-50237	744 Kit w/ 300 PSI Gauge, Ballvalve Harness, BPR Regulator	402.59
	744E 3 or 5-Switch Kits with Mini DIN Harness for 430 Ballvalves	
75-50061	Console only, 744, 5-Switch	253.11
90-50254	744 3-Switch Kit w/ 100 PSI Gauge, Power Cable, Mini DIN Harness, No Regulator	432.91
90-50255	744 5-Switch Kit w/ 100 PSI Gauge, Power Cable, Mini DIN Harness, No Regulator	488.78

Cables For TeeJet Controls


45-20000
Cable, Junction Blox


45-20065
Cable, Direct Wiring

45-20239
Cable, Extension
w/Power and Speed Leads

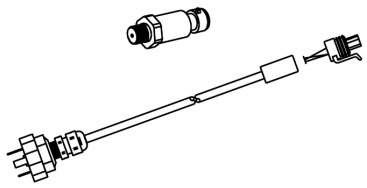
		Price $
	FOR 854 CONSOLES	
45-05210	Cable, Direct 854 Console, 26' 5 Section	286.94
	FOR 834, 844E	
45-10046	Harness, Rear without Power SprayLink, 17' Speed Lead, 5 Section	263.78
45-10106	Harness, Spraylink Junction Blox, CUX Valve Connection	603.20
45-20000	Cable, Junction Blox, without Power 21' Valve Cables, 5 Section	421.91
45-20065	Cable, Direct Wiring, 26' 5 Section	289.39
45-20066	Cable, Direct Wiring, 14' 5 Section	286.86
45-20072	Cable, Junction Blox, without Power 6' Valve Cables, 5 Section	404.16
	EXTENSION CABLES FOR 834, 844, 854	
45-10050	Harness, w/ Power (Ring Terminals) 10' 10 Section	305.45
45-20237	Cable, Extension, 10' 5 Section	153.47
45-20238	Cable, Extension, 33' 5 Section	195.13
45-20239	Cable, Extension w/ Power and Speed Leads, 10', 5 Section	227.54
45-20240	Cable, Extension, 13' 5 Section	153.47
45-20242	Cable, Extension, 23' 5 Section	195.13
45-20243	Cable, Extension w/ Power (Ring Terminals), 15' 5 Section	219.79
	GENERAL PURPOSE	
45-20009	Cable, Power, 12'	76.38
45-20017	Cable, Wheel Speed Extension, 15'	70.23
45-20025	Cable, Y Adapter, DJ or Magnavox (John Deere)	145.05
45-20026	Cable, Y Adapter, DJ (Case IH)	145.05
45-20027	Cable, Y Adapter, DJ or Magnavox (JD7000/8000)	145.05
45-20028	Cable, Y Adapter, DJ (Cat 65C/75C)	145.05
45-20029	Cable, Y Adapter, DJ (Cat 65/75)	145.05
45-20030	Cable, Y Adapter, DJ (Ford/White)	145.05
45-20031	Cable, Y Adapter, DJ (Ford Genesis)	145.05
45-20033	Cable, Power for Case IH 6'	70.23
45-20040	Cable, Radar (Magnavox), 12"	107.23
45-20041	Cable, Radar (Magnavox), 15'	107.23
45-20042	Cable, CL220 to TJ Controllers, 12"	55.10
45-20043	Cable, Radar (Raven), 12"	107.23
45-20044	Cable, Radar (Micro-Trak Trak Star), 12	111.88
45-20084	Cable, Y Adapter, DJ Cable Splitter	145.05

Extension Cables

Sprayer Control
Extension Cables

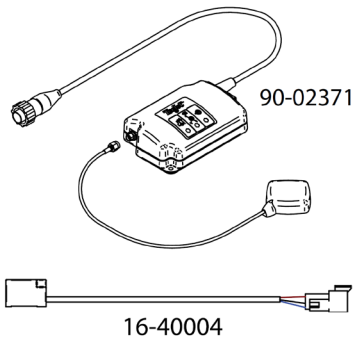
45-05385	Cable, Ball Valve Power for 744A	32.40
45-10072	Harness, Ball Valve for 744 Console, 12'	37.82
45-10080	Harness, Ball Valve for 744 Console	170.46
45-20079	Cable, Extension for 744A-3, 15'	57.07
45-20091	Cable, Extension for 744A-3 Standard, 8'	33.24
45-20100	Cable, Power for 744A	23.16
45-20104	Cable, Extension for 744A-5 Standard, 8'	44.74
45-20106	Cable, Extension for 744A-5, 15'	57.90

Pressure Sensors



90-02476	Kit, Pressure Sensor 10 Bar	204.37
90-02482	Kit, Pressure Sensor 25 Bar	202.87

Speed Sensors



		Price $
	GPS SPEED SENSORS	
90-02371	Kit, GPS Speed Sensor for Mid-Tech Controls	338.60
90-02386	Kit, GPS Speed Sensor for TeeJet Controls	338.60
90-02404	Kit, GPS Speed Sensor for Raven Controls	338.60
90-02868	Kit, GPS Speed Sensor for RadionControls	338.60
	OTHER SPEED SENSORS	
16-40003	Sensor, Wheel Speed	90.24
16-40004	Sensor, Proximity Speed	67.15
16-40007	Sensor, Wheel Speed Kit (Sensor, 2 Magnets, and Brackets)	111.06
16-40012	Sensor, Wheel Speed Kit (Sensor, 4 Magnets, and Brackets)	182.80
16-40013	Sensor, Wheel Speed Only	30.07
64-50014	Wheel Magnet Assembly	23.16
78-50083	Radar Speed Sensor	647.40

800 Series Flow Meters

90-50231	Kit, 1" 801 Flow Meter, 2-60 GPM with ¾" Barbs	325.51
90-50273	Kit, 1" 801 Flow Meter with ¾" Barbs, Raven Connector	330.02
90-02175	Kit, 1" 801 Flow Meter with ¾" Barbs, 45-05315 Adapter Cable	370.18
90-50230	Kit, 1" 801 Flow Meter, 2-60 GPM with 1" Barbs	325.51
90-50272	Kit, 1" 801 Flow Meter with 1" Barbs, Raven Connector	332.02
90-02176	Kit, 1" 801 Flow Meter with 1" Barbs, 45-05315 Adapter Cable	381.00
90-50232	Kit, 1" 801 Flow Meter with 1¼" Barbs	325.51
90-50274	Kit, 1" 801 Flow Meter with 1¼" Barbs, Raven Connector	332.02
90-02177	Kit, 1" 801 Flow Meter with 1¼" Barbs, 45-05315 Adapter Cable	370.18
90-50233	Kit, 1" 801 Flow Meter with 1¼" NPT (F)	325.51
90-02178	Kit, 1" 801 Flow Meter with 1¼" NPT (F), 45-05315 Adapter Cable	381.00
57-10122	802 Flow Meter, 3-130 GPM, 2"	346.50
57-10125	802 Flow Meter, 3-130 GPM, 2"w/Raven Connector	353.43
90-50236	Kit, Clamp, 50 Series, Flange	8.50
90-50258	Kit, Clamp, 75 Series, Flange	8.68
	OPTIONS	
45-05315	Cable, Mid-Tech Flow Meter Interface, 12' for 801 Flow Meter	40.90
90-02252	801 Flow Meter Repair Kit	161.97
90-50256	802 Flow Meter Repair Kit	161.97

Regulating Valves

35-02116	¾" NPT 344 BRL Linear Poly Ball	164.30
35-02115	¾" NPT 344 BPR H/Precision Poly Ball, 36 Sec.	158.14
35-02099	1" NPT 344 BRL Linear Poly Ball, 6 Second	164.30
35-02087	1" NPT 344 BRL Linear Poly Ball, 18 Second	164.30
35-02140	1" NPT 344 BRL Linear SST Ball, 6 Second	195.96
35-02094	1" NPT 344 BPR H/Precision Poly Ball, 6 Second	158.14
35-02089	1" NPT 344 BPR H/Precision Poly Ball, 36 Second	158.14
35-02142	1¼" NPT 346 BPR H/Precision Poly Ball, 6 Sec.	335.52
35-02090	1½" NPT 346 BR Poly Ball 6 Second	335.52
35-02143	1½" NPT 346 BPR H/Precision Poly Ball, 6 Sec.	335.52
35-02112	50 Series Flange, 344 BRL Linear Poly Ball, 6 Second	164.30
35-02132	50 Series Flange, 346 BR Poly Ball, 6 Second	335.52
35-02114	50 Series Flange, 344 BRL Linear Poly Ball, 18 Second	158.14
35-02141	50 Series Flange, 346 BPR High-Precision Poly Ball, 6 Second	335.52
35-50029	¾" NPT 244C Butterfly, 20 Second	82.72

RAVEN Viper Pro

		Price $
	KITS	
9-117-0171-112	Kit, Viper Pro w/ Guidance/Single Product VRA, GEN I main cable	4741.10
	COMPONENTS	
1-063-0172-879	Viper Pro (Console only w/ Guidance/Single Product VRA)	4545.45
1-107-0171-415	Viper/4000 Series Mounting Bracket	31.85
1-117-0159-993	Viper Boom Speed/Single Product Node Mounting Bracket	109.20
1-524-0002-065	4 GB USB Flash Drive	26.39
1-117-0171-138	Watchdog Weather Sensor Kit (Viper Pro requires Key)	1724.45
	SOFTWARE	
1-077-0180-004	Case IH/SeedHawk Viper Pro Single Product VRA	682.50
1-077-0171-152	Viper Pro Multi-Product VRA Key	910.00
1-077-0180-030	Weather Station Key	364.00
	MANUALS	
1-016-0171-122	Viper Pro Manual	17.29
1-016-0171-147	Viper Pro Quick Start Guide	10.92

RAVEN Envizio Pro II

	KITS	
1-117-0171-128	Kit, Envizio Pro without GPS (basic GEN I power cable included)	2725.45
1-117-5010-002	Kit, Envizio Pro without GPS (power/interface cables not included)	2584.40
1-117-5010-009W	Kit, Envizio Pro II, MBA-6, WAAS/SBAS (power/interface cables not included)	3635.45
1-117-5010-009K	Kit, Envizio Pro II, MBA-6, RTK (power/interface cables not included)	7275.45
1-117-5010-009KG	Kit, Envizio Pro II, MBA-6, RTK/GLONASS (power/interface cables not included)	7730.45
	COMPONENTS	
1-063-0172-101	Patch Antenna	72.80
1-063-0172-651	MBA-6 Antenna	705.25
1-063-0172-971	Antenna mounting plate	13.65
1-103-0001-031	Double Socket RAM, 1.5” Ball	31.85
1-103-0001-033	Clamp Rail RAM, 1.5” Ball	34.58
1-107-0172-165	Mounting Bracket for Slingshot Field Hub	33.67
1-115-0171-787	Antenna Cable	59.15
1-115-0171-929	Cable, 10’ Cab to Chassis Extension	127.40
1-117-0171-132	Mounting Kit RAM Versa-Plate	68.25
1-117-0171-141	MBA-3 Antenna Kit	514.15
1-117-0171-182	E Pro Boom Speed/Single Prod. Node Mounting Kit	100.10
1-117-5010-001L	Kit, Envizio Pro II (console and manual only)	3362.45
1-524-0002-065	4 GB USB Flash Drive	26.39

RAVEN Switch Pro

1-117-0171-168	Switch Pro w/ SCS 4400 Cable System for EPro/VPro	2129.40
1-117-0171-167	Switch Pro w/SCS 440/450 Cable for E Pro/V Pro	2197.65
1-117-0171-190	Kit, Switch Pro w/ E Pro mount bracket (no cables)	1947.40
1-117-0171-411	E Pro II/SwitchPro for SCS4400 w/ MBA-6 Antenna	5737.55
1-117-0171-412	E Pro II/SwitchPro for SCS440/450w/ MBA-6 Antenna	5737.55
1-115-0171-810	Cable, Power, Extension	39.13
1-115-0171-368	Cable, CAN Adapter Tee w/ Power	88.27
1-115-0171-364	Cable, 6” CAN Adapter Tee	58.24
1-115-0171-326	Cable, 6’ CAN Adapter Tee	141.96
1-063-0172-369	CAN Passive Terminator	92.82
1-115-0171-803	Cable, Switch Pro to SCS 450 cables & Envizio Pro Cable,	230.23
1-115-0171-820	Combo E Pro or V Pro/ Switch Pro to 450	700.70
1-115-0171-821	Cable, Combo E Pro/Switch Pro to SCS 4400 Adapter Cable,	659.75
1-115-0171-864	37 pin (4400) to 22 pin (460/660)	192.92
1-115-0171-299	Cable, 3’ Console, SCS 4400	341.25
1-115-0171-300	Cable, 15’ Console, SCS 4400	429.52

RAVEN Viper Pro & Envizio Pro II Cables

		Price $
	GEN I	
1-115-0171-746	Cable, Viper Pro / Envizio Pro (II) Main	219.31
1-115-0171-745	Cable, Viper Pro / Envizio Pro (II) Auxiliary	114.66
1-115-0171-744	Cable, V Pro / E Pro (II) Combo (Main/Auxiliary)	320.32
	GEN II	
1-115-0171-915	Cable, Power, Tracked and Row Crop Tractors w/Front Mounted Batteries	432.25
1-115-0171-936	Cable, Power, 4WD Tractors w/ mid Mounted Batteries	386.75
1-115-0171-937	Cable, Power, CaseIH/Challenger/New Holland Row Crop Tractors	445.90
1-115-0171-938	Cable, Power, John Deere and Buhler Row Crop Tractors	386.75
1-115-4001-085	Cable, Power, Generic Row Crop Tractors (steering and AccuBoom systems only)	182.00
1-115-0172-001	Cable, Viper Pro/Envizio Pro (II) Chassis Interface	404.04
1-115-0171-999	Cable, Power, Field Hub	84.63
1-115-0172-002	Cable, Serial Extension, Field Hub	15.47

RAVEN Cruizer II

	KITS	
1-117-0171-247	Kit, Cruizer II w/ Patch Antenna	1542.45
1-117-0171-249	Kit, Cruizer II w/ Helix Antenna	1724.45
1-117-0171-426	Kit, Cruizer II w/ Helix Antenna w/ Glonass	2156.70
	KITS FOR WEATHER RESISTANT	
1-117-0171-250	Kit, Cruizer II, Weather Resistant, Patch Antenna	1678.95
1-117-0171-245	Kit, Cruizer II, Weather Resistant, Helix Antenna	1860.95
	KITS FOR RTK	
1-117-0171-418	Kit, Cruizer II RTK w/ MBA-6 Antenna	4545.45
1-117-0171-460	Kit, Cruizer II Weather Resistant, RTK w/ MBA-6 Antenna	4827.55
	CABLES AND COMPONENTS	
	GEN II	
1-115-4001-066	Cable, Cruizer II (Chassis Cable Interface)	204.75
1-115-4001-102	Cable, Cruizer II RTK (Chassis Cable Interface)	445.90
1-115-4001-088	Cable, Cruizer II to SmarTrax 3D Node (Case IH installations)	211.12
1-115-4001-099	Cable, Cruizer II RTK to SmarTrax 3D Node (Case IH installations)	464.10
1-115-4001-085	Cable, Chassis, Steering Only Systems	204.75
1-115-4001-095	Cable, Adapter, Cruizer II, Chassis Cable Interface, External GPS	95.55
	GEN I	
1-115-0171-791	Cable, Port Exp Cruizer II (Port Expander Only)	80.99
1-115-0171-792	Cable, Adapt Boom Sense Cruizer II (Boom Sense Only)	26.39
1-115-0171-793	Cable, Port Exp Cruizer II w/ Speed Output	118.30
1-115-0171-794	Cable, Interface Cruizer II (Tilt sensor and Boom Sense, SmarTrax)	113.75
1-115-0171-835	Cable, Interface Cruizer II w/ Speed (SmartBoom)	113.75
1-115-0171-862	Cable, Port Expander Cruizer II w/ Speed (SmartBoom)	174.72
1-115-0171-886	Cable, Adapter CAN Cruizer II	58.24
1-115-0171-787	Cable, 20' TNC(M) to BNC(M) (Helix to Cruizer)	59.15
1-103-0159-011	Mount, Vacuum RAM w/ Ball	28.21
1-420-1011-008	Power Cable, 12V	12.74
1-063-0172-101	Patch Antenna	72.80
1-063-0172-480	Helix (MBA-3) Antenna	523.25
1-117-0171-141	Helix (MBA-3) Antenna Kit	514.15
1-117-0171-180	Kit, Tilt w/ Cruizer Cable	536.90
	SOFTWARE FOR CRUIZER II	
1-077-0180-017	e-Dif Upgrade (Machine ID# begins w/ "H")	541.45
1-077-0180-042	e-Dif Upgrade (Machine ID# does not begin w/ "H")	559.65
1-077-0180-061	Glonass upgrade (GPS SN starts with DHJ)	464.10
	MANUALS	
1-016-0171-415	Cruizer II Manual	8.28
1-016-0171-364	Cruizer II, Weather Resistant manual	8.28
1-016-0171-421	Cruizer II AccuBoom manual	5.82

RAVEN

RAVEN KITS

		Price $
	4400 SERIES SYSTEMS *ALL ARE COMPLETE SYSTEM WITH CHOICE OF SPEED SENSOR*	
4400-5BM-1-1/2-100-R	4400, 5 BOOM, RFM 100, 1-1/2 SERVO, RADAR	3606.00
4400-5BM-1-1/2-100-GPS	4400, 5 BOOM, RFM 100, 1-1/2 SERVO, GPS SPEED	3320.00
4400-10BM-1-1/2-100-R	4400, 10 BOOM, RFM 100, 1-1/2 SERVO, RADAR	3701.00
4400-10BM-1-1/2-100-GPS	4400, 10 BOOM, RFM 100, 1-1/2 SERVO, GPS SPEED	3414.00
4400-GRAN,30GPM-R	4400, GRANULAR, 30 GPM SERVO, 50 RPM ENCODER, RADAR	3562.00
4400-GRAN,30GPM-GPS	4400, GRANULAR, 30 GPM SERVO, 50 RPM ENCODER, GPS SPEED	3275.00
	440, 450, 460, & 660 SYSTEMS *ALL ARE COMPLETE SYSTEM WITH CHOICE OF SPEED SENSOR*	
440-15-1-0	440 WITH RFM-15 FLOWMETER, 1" SERVO & NO SPEED	1872.00
440-15-1-P	440 WITH RFM-15 FLOWMETER, 1" SERVO & PROXIMITY SPEED	2049.00
440-15-1-R	440 WITH RFM-15 FLOWMETER, 1" SERVO & RAVEN RADAR	2413.00
440-15-1-GPS	440 WITH RFM-15 FLOWMETER, 1" SERVO & ASTRO GPS	2127.00
	ADD FOR WEATHER-PACK CABLES	100.00
440-60-1-0	440 WITH RFM-60P FLOWMETER, 1" SERVO & NO SPEED	1969.00
440-60-1-P	440 WITH RFM-60P FLOWMETER, 1" SERVO & PROXIMITY SPEED	2147.00
440-60-1-R	440 WITH RFM-60P FLOWMETER, 1" SERVO & RAVEN RADAR	2511.00
440-60-1-GPS	440 WITH RFM-60P FLOWMETER, 1" SERVO & ASTRO GPS	2224.00
	ADD FOR WEATHER-PACK CABLES	100.00
440-60-1.5-0	440 WITH RFM-60P FLOWMETER, 1-1/2" SERVO & NO SPEED	1997.00
440-60-1.5-P	440 WITH RFM-60P FLOWMETER, 1-1/2" SERVO & PROXIMITY SPEED	2174.00
440-60-1.5-R	440 WITH RFM-60P FLOWMETER, 1-1/2" SERVO & RAVEN RADAR	2538.00
440-60-1.5-GPS	440 WITH RFM-60P FLOWMETER, 1-1/2" SERVO & ASTRO GPS	2251.00
	ADD FOR WEATHER-PACK CABLES	100.00
450-60-1-0	450 WITH RFM-60P FLOWMETER, 1" SERVO & NO SPEED	2215.00
450-60-1-P	450 WITH RFM-60P FLOWMETER, 1" SERVO & PROXIMITY SPEED	2392.00
450-60-1-R	450 WITH RFM-60P FLOWMETER, 1" SERVO & RAVEN RADAR	2756.00
450-60-1-GPS	450 WITH RFM-60P FLOWMETER, 1" SERVO & ASTRO GPS	2470.00
450-60-1.5-0	450 WITH RFM-60P FLOWMETER, 1-1/2" SERVO & NO SPEED	2242.00
450-60-1.5-P	450 WITH RFM-60P FLOWMETER, 1-1/2" SERVO & PROXIMITY SPEED	2420.00
450-60-1.5-R	450 WITH RFM-60P FLOWMETER, 1-1/2" SERVO & RAVEN RADAR	2784.00
450-60-1.5-GPS	45O WITH RFM-60P FLOWMETER, 1-1/2" SERVO & ASTRO GPS	2497.00
450-100-1.5-0	450 WITH RFM-100 FLOWMETER, 1-1/2" SERVO & NO SPEED	2466.00
450-100-1.5-P	450 WITH RFM-100 FLOWMETER, 1-1/2" SERVO & PROXIMITY SPEED	2644.00
450-100-1.5-R	450 WITH RFM-100 FLOWMETER, 1-1/2" SERVO & RAVEN RADAR	3008.00
450-100-1.5-GPS	450 WITH RFM-100 FLOWMETER, 1-1/2" SERVO & ASTRO GPS	2721.00
660-EN-PWM-0	660 GRANULAR WITH ENCODER, PWM VALVE & NO SPEED	2593.00
660-EN-PWM-P	660 GRANULAR WITH ENCODER, PWM VALVE & PROXIMITY SPEED	2770.00
660-EN-PWM-R	660 GRANULAR WITH ENCODER, PWM VALVE & RAVEN RADAR	3134.00
660-EN-PWM-GPS	660 GRANULAR WITH ENCODER, PWM VALVE & ASTRO GPS	2847.00
	ACCU-FLOW NH-3 SYSTEMS *ALL ARE COMPLETE SYSTEM WITH CHOICE OF SPEED SENSOR*	
A / F30 NO SPEED	30 GPM UNIT, CONSOLE, FAST VALVE, FLOWMETER, CABLES & NO SPEED	4479.00
A / F30 - P	30 GPM UNIT, CONSOLE, FAST VALVE, FLOWMETER, CABLES & WHEEL SPD	4656.00
A / F30-R	30 GPM UNIT, CONSOLE, FAST VALVE, FLOWMETER, CABLES & RADAR	5020.00
A / F30-GPS	30 GPM UNIT, CONSOLE, FAST VALVE, FLOWMETER, CABLES & GPS	4734.00
A / F30 NO CONSOLE	SAME AS ABOVE LESS CONSOLE, CABLE & SPEED SENSOR	3229.00
ACCU-FLOW KIT ONLY	30 GPM KIT W/ FASTVALVE & FLOWMETER ONLY	3030.00
A / F DUAL NO SPEED	DUAL COOLER UNIT, CONSOLE, FAST VALVE, FLOWMETER, CABLES & NO SPEED	5398.00
A / F DUAL - P	DUAL COOLER UNIT, CONSOLE, FAST VALVE, FLOWMETER, CABLES & WHEEL SPD	5576.00
A / F DUAL-R	DUAL COOLER UNIT, CONSOLE, FAST VALVE, FLOWMETER, CABLES & RADAR	5940.00
A / F DUAL-GPS	DUAL COOLER UNIT, CONSOLE, FAST VALVE, FLOWMETER, CABLES & GPS	5653.00
A / F DUAL NO CONSOLE	SAME AS ABOVE LESS CONSOLE, CABLE & SPEED SENSOR	4148.00
A / F DUAL KIT ONLY	DUAL COOLER KIT W/ FASTVALVE & FLOWMETER ONLY	3950.00
115-0159-856	12' EXTENSION CABLE	163.80
115-0159-857	24' EXTENSION CABLE	180.18
117-0171-409	VAPOR TUBE KIT W/DOUBLE 3/4 TUBES & HARDWARE	100.10
117-0171-410	VAPOR TUBE KIT W/ 4 - 1/2 TUBES & HARDWARE	138.32
30/DOUBLE VALVE	ADD ON FOR SINGLE COOLER KITS, 2-VALVE STYLE IN LEU OF FASTVALVE	225.00
DUAL DOUBLE VALVE	ADD ON FOR DUAL COOLER KITS, 2-VALVE STYLE IN LEU OF FASTVALVE	330.00

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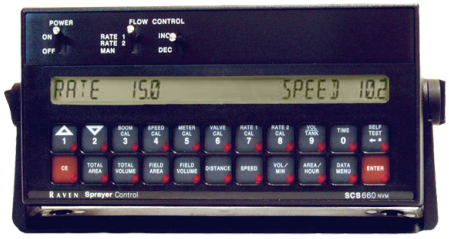
RAVEN

SCS Consoles

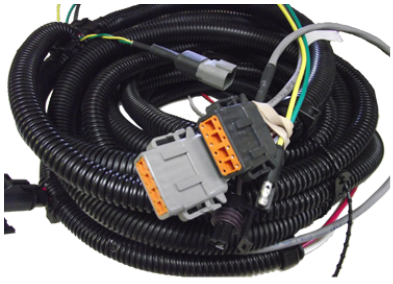


		Price $
	SCS 440/450/460/660 CONSOLES & CABLES	
1-063-0173-466	SCS 4400 Console	1492.40
9-117-0159-924	SCS 4400 Kit (Includes console, bracket, and flashdisk)	1506.05
1-063-0173-477	SCS 4600 Console	1451.45
9-117-0159-926	SCS 4600 Kit (Includes console and flashdisk)	1469.65
	CABLES FOR SCS 4400/4600	
1-115-0171-299	Console Cable, 3', SCS 4400	341.25
1-115-0171-300	Console Cable, 20', SCS 4400	429.52
1-115-0171-317	Console Cable, 3', SCS 4600	387.66
1-115-0171-318	Console Cable, 20', SCS 4600	386.75
1-115-0171-417	Boom/Power Cable, 6', SCS 4600	87.36
1-115-0171-315	Product Cable, 12', 5 Boom Liquid, SCS 4400/4600	223.86
1-115-0171-316	Product Cable, 24', 5 Boom Liquid, SCS 4400/4600	271.18
1-115-0171-313	Product Cable, 12', 10 Boom Liquid, SCS 4400/4600	315.77
1-115-0171-314	Product Cable, 24', 10 Boom Liquid, SCS 4400/4600	387.66
1-115-0171-365	Product Cable, 21', Granular, SCS 4400/4600	300.30
1-115-0171-418	Extension Cable, 5', SCS 4400/4600	328.51
1-115-0171-319	Extension Cable, 12', SCS 4400/4600	338.51
1-115-0171-320	Extension Cable, 24', SCS 4400/4600	347.62
1-115-0171-414	Adapter Cable, SCS 4X00 to 4X0/6X0	252.98
1-115-0172-079	Cable, Product Controller, ISO, 37 Pin John Deere	623.35
1-063-0172-894	SCS 5000 Console	964.60
1-115-0171-334	Console Cable, 3', 4000/5000 (GEN I)	155.61
1-115-0171-959	Console Cable, SCS 5000 Chassis Interface (GEN II)	287.56
1-063-0172-913	SCS 4070 Console	1342.25
1-115-0171-995	Console Cable, SCS 4070 Chassis Interface (GEN II)	286.65
	SCS 440/450/460/660 CONSOLES & CABLES	
	CONSOLES	
1-063-0171-183	SCS 440 Console(3-Boom)	1046.50
1-063-0171-220	SCS 450 Console (6-Boom)	1201.20
1-063-0171-249	SCS 460 Console (7-Boom)	1046.50
1-063-0171-704	SCS 460 Console (7-Boom) w/ Boom indicator lights	1155.70
1-063-0172-542	SCS 660 Console w/ Master Switch	1351.35
1-063-0171-221	SCS 660 Liq/Gran Console (7-Boom Liq/Gran)	1292.20
	CABLES	
1-115-0159-707	Console Cable, 3', 440/450/460 or 660 (p/n 063-0172-542)	177.45
1-115-0159-786	Console Cable, 3', 460/660	214.76
1-115-0159-509	Console Cable, 10', Turf, 440	213.85
1-115-0171-085	Console Cable, 10', 440/450	175.63
1-115-0159-495	Flow Cable, 6', spade terminals, 440/450	103.74
1-115-0159-858	Flow Cable, 6', 3 Boom, 3 pin weather pack, Raven boom valve, 440	132.86
1-115-0171-086	Flow Cable, 6', 6 Boom, 3 pin weather pack, Raven boom valve, 440/450	182.00
1-115-0171-055	Flow Cable, 12', 3 Boom, 3 pin weather pack, Raven boom valve, 440	170.17
1-115-0159-859	Flow Cable, 12', 3 Boom, spade terminals, 440	137.41
1-115-0171-129	Flow Cable, 12', 6 Boom, 3 pin weather pack, Raven boom valve, 440/450	197.47
1-115-0159-496	Flow Cable, 12', spade terminals, 440/450	137.41
1-115-0159-787	Flow Cable, 21', granular application, 660	262.99
1-115-0171-206	Flow Cable, 24', 3 pin weather pack, Raven boom valve, 460/660	294.84
1-115-0159-708	Flow Cable, 24', spade terminals, 450/460/660	245.70
1-115-0159-839	Boom/Power Cable, 6', 460/660	108.29
1-115-0171-302	Product Cable, 12', 7 Boom, 3 pin weather pack, Raven boom valve, 450/460/660	245.70
1-115-0159-857	Extension Cable, 24', 7 Boom, 440/450	180.18
1-115-0159-856	Extension Cable, 12', 7 Boom, 440/450	163.80
1-115-0171-301	Extension Cable, 12', 460/660	184.73
1-115-0159-717	Extension Cable, 24', 460/660	276.64
1-115-0159-418	Console Cable, 10', older style, 440	161.07
1-115-0159-404	Flow Cable, 6', older style, 440	102.83
1-115-0159-405	Flow Cable, 12', older style, 440	127.40
1-115-0159-409	Extension Cable, 12', older style, 440	116.48
1-115-0159-414	Extension Cable, 24', older style, 440	141.96

RAVEN SCS Consoles

		Price $
	SCS 11	
1-070-0159-011	SCS 11 Console	227.50
1-070-0159-103	SCS 103 Console 3bm & Master	209.30
	SCS 203	
1-063-0159-203	SCS 203 Console	165.62
1-115-0159-013	6' Cable	55.51
1-115-0159-015	12' Cable	69.16
1-107-0159-025	12' Extension Cable	62.79
	SCS 330	
1-063-0171-115	SCS 330 Console (3-Boom)	687.05
1-115-0159-437	19' External Cable, 330/340	230.23
1-115-0159-706	32' External Cable, 330/340	297.57

RAVEN SCS CAN Cables



	CAN NODES	
1-063-0172-272	Node, CAN, Boom Sense/Speed	235.69
1-063-0172-315	Node, CAN, Granular Dual Product Control	1010.10
1-063-0172-316	Node, AccuBoom	805.35
1-063-0173-304	Node, CAN, Single Product Control	650.65
1-063-0172-360	CAN Motor Control	859.95
1-063-0172-369	Terminator, CAN, Passive	92.82
1-063-0172-479	CAN Motor Control, with agitator control capability	878.15
	GEN I	
1-063-0159-929	100A Relay	91.00
1-063-0172-602	CAN Diagnostic Tool	165.62
1-115-0171-070	Fan Sensor Extension Cable	35.58
1-115-0171-213	Cable, 21', 10 Boom CAN Systems	224.77
1-115-0171-326	Cable, 6', CANBUS (includes "T")	141.96
1-115-0171-337	Cable, Interface, CAN Boom Sense/Speed Node to 10 Boom Switchbox	85.54
1-115-0171-345	Cable, CAN Boom Sense/Speed Node, 5 Volts	92.82
1-115-0171-362	Cable, 12' CANBUS (includes "T")	148.66
1-115-0171-363	Cable, 24' CANBUS (includes "T")	161.07
1-115-0171-364	Cable, Adapter "T", CANBUS	58.24
1-115-0171-368	Cable, Adapter Tee w/Power, CANBUS	88.27
1-115-0171-379	Cable, Adapter Tee, Panel Mount	116.49
1-115-0171-380	Cable, CAN Single Product Control, Liquid	294.84
1-115-0171-381	Cable, CAN Single Product Control Node, Granular	352.84
1-115-0171-382	Cable, Dual Prod Control Node, Product 1, Gran.	315.77
1-115-0171-384	Cable, CAN Single Prod Control, Liq, 2 Pressure	322.14
1-115-0171-385	Cable, 6', CANBUS, Extension ("T" not included)	65.52
1-115-0171-386	Cable, 12', CANBUS, Extension ("T" not included)	69.16
1-115-0171-387	Cable, 24', CANBUS, Extension ("T" not included)	70.07
1-115-0171-395	Null Modem Cable (Needed for SCS 4000/5000 series software upgrade)	20.93
1-115-0171-400	Cable, CAN Dual Prod Contr Node, Prod 2, Spinner	106.47
1-115-0171-405	Cable, CAN Boom Sense/Speed Node to 10 Boom Switchbox/12V Rdr	174.08
1-115-0171-412	Cable, 2' Power, Bulkhead End	74.62
1-115-0171-413	Cable, 16' Power, Plug End	102.83
1-115-0171-419	Cable, 6' Boom Sense 4000/Viper	65.52
1-115-0171-582	Cable, 35' Power CAN Motor Control	225.68
1-115-0171-690	Cable, 18' CANBUS (includes "T")	155.61
1-115-0171-700	Cable, Single Prod Control Node, Spinner Control	370.37
1-415-1001-009	40A Relay	7.64
1-117-0159-923	Kit, CAN Power Tee/Terminator	172.90
9-117-0171-029	Kit, Motor Control CAN w/ Agit and Power Cable	941.85
9-117-0171-030	Kit, Motor Cont CAN w/out Agit and Power Cable	905.45
1-115-0171-626	Cable, CAN Single Product Liquid, Bin Level	322.14

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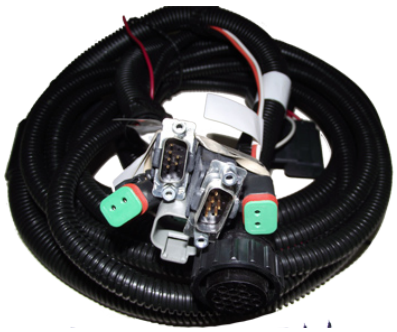
RAVEN ISO Product Control



		Price $
1-117-6100-001	Kit, ISO single product, liquid/gran to 16 pin cable	1433.35
1-117-6100-002	Kit, ISO single product, liquid/gran to 37 pin cable	1487.85
1-117-6100-003	Kit, ISO single product, liquid/gran to 22 pin cable	1560.65
1-117-6300-001	Kit, ISO AccuFlow HP, 3 section	1742.65
1-117-6300-002	Kit, ISO AccuFlow HP, 6 section	1860.95
1-117-0171-437	Kit, Switch Box, ISO to John Deere GS2600/2630	650.65
1-063-0173-143	Switch Box (for use with ISOBUS systems)	573.30
1-107-0172-049	Mounting Bracket, Switch Box, ISOBUS to John Deere GS2600/2630	70.98
1-115-0171-974	Cable, ISOBUS hitch to Raven ECU, 12’	347.62
1-115-0171-988	Cable, ISOBUS hitch to Raven ISO ECU, 14’	318.50
1-115-0171-989	Cable, ISOBUS hitch to Raven ISO ECU, 20’	415.87
1-115-0171-975	Cable, ISOBUS hitch to Raven ECU, 36’	491.40
1-115-0171-990	Cable, ISOBUS hitch to Raven ISO ECU, 45’	500.50

RAVEN ISO Product Control Components

1-016-0171-362	Manual, ISOBUS Product Control	22.75
1-063-0172-964	Terminator, Powell ISO	97.37
1-063-0173-006	Node, ISOBUS Product Controller ECU	1128.40
1-063-0173-080	Foot Switch, ISO Product Controller	133.77
1-115-0171-963	Cable Adapter, ISO Powell terminator	68.25
1-115-0171-865	Cable, switch cab, 8’	124.67
1-115-0171-960	Cable, ISO tee extension, 12”	278.46
1-115-0171-961	Cable, ISO tee extension, 6’	307.58
1-115-0171-931	Cable, ISO tee extension, 12’	354.90
1-115-0171-932	Cable, ISO tee extension, 24’	421.33
1-115-0171-933	Cable, ISO tee extension, 36’	486.85
1-115-0171-958	Cable, ECU adapter, ISO Deere	391.30
1-115-0171-946	Cable, ISO/CAN AccuFlow HP, 3 section	586.95
1-115-0171-947	Cable, ISO/CAN AccuFlow HP, 6 section	746.20
1-115-0171-864	Cable Adapter, 37 pin to 22 pin	192.92
1-115-0171-945	Cable, product control, main ISO node, 37 pin	430.43
1-115-0171-949	Cable, product control, main ISO node, 16 pin	347.62

RAVEN RFM Flow Meters

1-063-0173-448	RFM 5 Flowmeter (.1 - 5 GPM), SS	1633.45
1-063-0172-040	RFM 15 (.3-15 GPM Poly) M200 Flanged	260.26
1-063-0171-666	RFM 60S, 1-60 GPM, SS, NH3	559.65
1-063-0171-793	RFM 60P (1-60 GPM Poly) M200 Flanged	355.81
1-063-0171-066	RFM 100 (5-100 GPM Poly) M220 Flanged	573.30
1-063-0159-574	RFM 200 Flow Meter (15-200 GPM Cast)	882.70
1-063-0159-751	RFM 200P (15-200 GPM Poly) M300 Flanged	873.60
1-063-0173-148	3” Magmeter Assembly (22-955 GPM)	4964.05
1-063-0173-149	4” Magmeter Assembly (35-1493 GPM)	4964.05
1-063-0173-150	6” Magmeter Assembly (70-3000 GPM)	5787.60
1-063-0172-682	2” Magmeter 200 Assembly (3-200GPM)*	1501.50
1-063-0173-373	RFM 15 (.5 to 15 GPM), NH3, SS	568.75

RAVEN Granular

	GRANULAR ENCODER	
1-063-0171-071	Granular Encoder (180 CPR), 50 RPM Max	237.51
1-063-0171-114	Granular Encoder (36 CPR) 250 RPM max	237.51
1-063-0171-443	Granular Encoder (180 CPR) 50 RPM max, 25’ Cable	25.71
	GRANULAR OPTIONS	
1-117-0159-484	Shaft Fault Sensor Kit	78.26
1-117-0159-640	Bin Level Sensor Kit	204.75
1-117-0159-575	Fan RPM Sensor Kit	93.73
1-117-0171-242	Kit Bin Level Sensor & 102” cable	231.14
1-063-0159-881	D.J. Shaft Sensor Adaptor Cable (Amp)	201.11
1-063-0159-997	D.J. Shaft Sensor Adaptor Cable (Weather Pack)	173.81
1-063-0159-981	Sensor Gear Tooth Raven Flow	71.89
1-115-0171-277	New Leader Sensor Adapter Cable	175.63
1-115-0171-070	Fan Sensor Extension Cable	34.58

RAVEN

Valves

		Price $
	CONTROL VALVES	
1-063-0172-173	Control Valve, 1/4", SS, NH3 Ball	398.58
1-063-0172-977	Control Valve, 1", 400 PSI, SS, NH3 Ball	427.70
1-063-0172-979	Control Valve, 1", 400 PSI, SS, NH3 Ball, Fast Motor	486.85
1-063-0171-894	Control Valve, 1 1/2", 175 PSI, Poly, Butterfly	260.26
1-063-0171-120	Control Valve, 3/4", Poly, Butterfly	142.87
1-063-0172-125	Control Valve, 1", Poly, Flanged Butterfly	232.96
1-063-0171-896	Control Valve, 1 1/2", Poly, 90 Deg Threaded Flanged Butterfly, Packard	260.26
1-063-0172-177	Control Valve, 2", SS, Butterfly	591.50
1-063-0172-363	Control Valve, 2", SS, Butterfly, Fast Motor	664.30
1-063-0172-181	Control Valve, 3", SS, Butterfly	1082.90
1-063-0172-265	Control Valve, 3/4", SS, Ball, Fast Motor	596.05
1-063-0172-172	Control Valve, 1", 3-Way Ball, Fast Motor	646.10
1-063-0172-165	Control Valve, 1", Poly, SS Ball	285.74
1-063-0172-175	Control Valve, 3/4", SS, Ball	441.36
1-063-0173-202	Control Valve, 1 1/4", SS, NPT, NH3	464.10
1-063-0173-204	Control Valve, Fast, 1 1/4", SS, NPT, NH3	514.15
1-063-0173-374	Control Valve, Fast, 1/4", NH3, SS	468.65
	ON/OFF VALVES	
1-063-0172-174	On/Off Valve, 1/4", SS, NH3 Ball	394.03
1-063-0172-978	On/Off Valve, 1", SS, NH3 Ball	423.15
1-063-0172-176	On/Off Valve, 3/4", SS, Ball	446.81
1-063-0172-184	On/Off Valve, 1 1/2", 100 PSI, Poly, Banjo Ball	424.97
1-063-0172-185	On/Off Valve, 2" (1 1/2" Ported), 100 PSI, Poly, On/Off Valve,	459.55
1-063-0172-178	On/Off Valve, 2", SS, Butterfly	600.60
1-063-0172-182	On/Off Valve, 3", SS, Butterfly	1028.30
1-063-0171-926	Boom Valve, Single Manifold	163.80
1-063-0171-928	Boom Valve, 3 Section Manifold	491.40
1-063-0172-039	Boom Valve, 5 Section Manifold	823.55
1-063-0173-204	Valve, Fast, 1 1/4" NPT, NH3, SS	514.15
1-063-0173-203	Valve, On/Off, 1 1/4" NPT, NH3, SS	464.10
	MANUAL SYSTEM CONTROL VALVES	
1-063-0159-001	Control Valve, 3/4", Poly, 360 Deg	74.62
1-063-0172-126	Control Valve, 1", Poly, 360 Deg Flanged	183.82
1-063-0171-895	Control Valve, 1 1/2", Poly, 360 Deg Flanged & Threaded	250.25
	HYDRAULIC VALVES	
1-063-0173-159	3 GPM Hydraulic Control Valve	453.18
1-063-0173-160	8 GPM Hydraulic Control Valve	453.18
1-063-0172-195	16 GPM Hydraulic Control Valve	439.53
1-063-0172-196	30 GPM Hydraulic w/out Pressure Comp.	441.35
1-063-0173-161	3 GPM Hydraulic w/ Fast Motor	464.10
1-063-0173-162	8 GPM Hydraulic w/ Fast motor	464.10
1-063-0173-163	16 GPM Hydraulic w/ Fast Motor	464.10
1-063-0173-164	30 GPM Hydraulic w/ Fast Motor	464.10
1-063-0171-841	5 GPM PWM Hydraulic Control Valve	536.90
1-063-0171-842	10 GPM PWM Hydraulic Control Valve	546.00
1-063-0171-843	15 GPM PWM Hydraulic Control Valve	536.90
1-063-0171-846	30 GPM PWM Hydraulic Control Valve	536.90
1-063-0173-165	30 GPM Hydraulic Valve w/o Press Comp	453.18
1-063-0172-844	25 GPM Hydraulic Valve (adjustable w/ fast motor)	782.60
1-063-0172-897	40 GPM Hydraulic Valve (adjustable w/ fast motor)	878.15
1-115-0159-884	Cable, Adapter, 4-pin DJ Hydr Valve to 2-pin Raven	31.85
	CHECK VALVES	
1-333-0011-001	Check Valve, 5 PSI, PP	7.96
1-333-0011-078	Check Valve, 3/8", .5 PSI, SS, Teflan Ball (NH3, N Serve)	72.80
1-333-0011-082	Check Valve, 1 1/4", .5 PSI, SS	245.70
1-333-0011-084	Check Valve, 2", .5 PSI, SS	564.20
1-333-0011-087	Check Valve, 1/2", Delrin	18.20
1-333-0011-088	Check Valve, 1/2", 8 GPM (not for use with injection)	34.58
1-333-0011-090	Check Valve, 1", 14 GPM, carrier	52.78
1-333-0011-091	Check Valve, 1 1/4", 22 GPM, carrier	65.52
1-333-0011-093	Check Valve, 2", 70 GPM, carrier	161.07
1-063-0173-030	Check Valve Assy NH3 Multi Section	364.00
1-333-0011-094	Check Valve, 3", 110 GPM, carrier	272.09
1-333-0011-098	Check Valve, 1/2" SS, 12 PSI (point of injection)	59.15
1-333-0011-100	Check Valve, Recirculation/Priming w/ Bleed Hole	66.43
1-333-0011-102	Check Valve, 1/2" SS, 12 PSI, Extreme Viton	65.52

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RAVEN Pressure Transducer

		Price $
1-422-0000-090	Pressure Transducer	239.33
1-115-0171-153	Console Cable 3’	56.42
1-115-0171-152	Console Cable 10’	70.07
1-115-0171-176	Console Cable 30’	78.26
1-115-0159-016	Extension Cable 6’	50.96
1-115-0159-017	Extension Cable 12’	54.60
1-115-0159-019	Extension Cable 24’	65.52
1-115-0171-235	Sensor Cable 6’	57.33
1-115-0171-151	Sensor Cable 12’	61.88
1-115-0171-224	Sensor Cable 37’	96.49
1-115-0171-296	Sensor Cable 44’	101.01

RAVEN Speed Sensors

	SPEED SENSORS	
1-117-0171-165	Phoenix 10™ GPS Speed Sensor	409.50
1-063-0159-484	Wheel Drive Speed Sensor - 21’ (4 Magnet)	242.97
1-063-0159-539	Wheel Drive Speed Sensor (2 Magnet)	212.03
1-063-0159-730	Drive Shaft Speed Sensor	216.58
1-063-0171-152	Wheel Drive Speed Sensor. 7 1/2 ft. (4 Magnet)	250.25
1-115-0159-539	Raven Radar Power Cable (12ft)	91.00
9-117-0159-822	Kit Radar w/Power Cable	527.80
1-063-0172-143	Radar Gun Assembly	464.10
1-063-0172-443	Speed Sensor Gear Tooth/Proximity	61.88
1-063-0159-438	Sensor Assembly(21 FT.) Std.	141.05
	RAVEN RADARS	
1-115-0159-754	Ford Gen./Vers./New Holland	88.27
1-115-0159-550	John Deere	88.27
1-115-0159-551	Case-IH	113.75
	CABLE ASSEMBLIES	
1-115-0159-709	Ford Gen/Versatile/New Holland	141.96
1-115-0159-519	John Deere w/SP2	105.56
1-115-0171-670	John Deere 30 Series w/ SP2	87.36
1-115-0159-700	John Deere 7XX0/8XX0/9XX0/10 & 20 Series	98.28
1-115-0159-517	Case-IH and New Holland TG	116.48
1-115-0171-304	Case MX or STX Vehicles	159.25
1-115-0159-518	CAT Challenger Models 65 & 75	178.36
1-115-0159-627	CAT Challenger 65C,75C,65D,75D, 5D, & Row Crop 35,45,&55	124.67
1-115-0159-529	Ford/White/AGCO Allison/Dickey John	112.84
1-115-0159-580	Caterpillar w/SP2	78.26
1-115-0159-598	Unspecified w/out SP2	252.98
1-115-0159-519	JD Magnavox or Phillips	105.56
1-115-0171-670	JD 30 series with Magnavox or Philips	87.36
1-115-0159-432	Case-IHwith TRW Radar	111.02
	SPEED SENSOR EXTENSION CABLES	
1-115-0171-262	10’ Speed Sensor Extension Cable	60.06
1-115-0159-032	12’ Speed Sensor Extension Cable	67.34
1-115-0171-239	18’ Speed Sensor Extension Cable	59.15
1-115-0159-018	24’ Speed Sensor Extension Cable	72.80
1-115-0171-241	29’ Speed Sensor Extension Cable	58.24
1-115-0171-225	34’ Speed Sensor Extension Cable	74.63

RAVEN FloMax

1-063-0172-123	Flow Max 220 Assembly, 200 GPM	627.90
1-507-2001-006	Lithium Battery	10.01
1-063-0171-357	Flow Max 110 Assembly (w/ 20’ cable)	359.45
1-063-0171-214	Flow Max 810 Console	659.75
1-115-0159-763	3’ Console Cable (F.M. 810)	73.71
1-115-0159-762	21’ Control Cable (F.M.810)	121.03
1-115-0159-764	10’ Control Cable Ext. (F.M. 810)	56.41

RAVEN

AccuFlow

		Price $
	SINGLE COOLER KITS	
1-117-0171-386	Kit, AccuFlow, Single Cooler, Fast Valve	2966.60
1-117-0171-384	Kit, AccuFlow, Single Cooler, Two Valve	3171.35
	DUAL COOLER KITS	
1-117-0171-389	Kit, AccuFlow, Dual Cooler, Fast Valve	3867.50
1-117-0171-387	Kit, AccuFlow, Dual Cooler, Two Valve	4176.90
	OTHER KITS	
1-117-0171-390	Upgrade Kit, Single Cooler to Dual Cooler	1742.65
1-117-0171-409	Kit, Vapor Tube 3/4 two tubes, kit inc hose and clamps	100.10
1-117-0171-410	Kit, Vapor Tube 1/2 four tubes, kit inc hose and clamps	138.32
	CABLES	
1-115-0171-807	Cable, Adapter for NH3 Valve Control 1" to 2 PIN Flat*	59.15
1-115-0171-808	Cable, Adapter for NH3 Valve On/Off 1" to 2 PIN Flat**	59.15
1-115-0171-807	Cable, Adapter for NH3 Fast 1" to 2 PIN Flat*	59.15
1-115-0171-085	Cable, 10' Console, SCS 440	175.63
1-115-0171-815	Cable, Adapter for NH3 On/Off Valve to 3 PIN Weather Pack	59.15
1-115-0171-856	Cable, Adapter for NH3 On/Off Valve, Spade to 4 PIN round conxall	64.61
1-115-0171-857	Cable, Adapter for NH3 Control Valve, 2 PIN Flat to 4 PIN rnd conxall	70.04
	* New valve w/ round molded connector and cable to old style 2-pin flat connector on flow cable	
	** With round connector to older 3 wire hook up	
	REPLACEMENT PARTS	
1-019-0159-245	1-1/4 Ball C.S. Valve Manual Safety ON/OFF	136.50
1-019-0159-571	1 -1/2 Ball C.S. Valve Manual Safety ON/OFF	206.57
1-063-0171-666	RFM 60S, 1-60 GPM, S.S., NH3	559.65
1-063-0171-669	Sensor Assy External Flowmeter	82.81
1-063-0172-977	Valve Control 1" Jamesbury (New Round Molded Connector)	427.70
1-063-0172-978	Valve On/Off 1" Jamesbury (New Round Molded Connector)	423.15
1-063-0172-979	Valve Fast 1" Jamesbury (New Round Molded Connector)	486.85
1-063-0172-980	Motor Assembly only, Control Valve	250.25
1-063-0172-981	Motor Assembly only, On/Off Valve	276.64
1-063-0172-982	Motor Assembly only, Fast Valve	304.85
1-063-0173-030	Check Valve Assy NH3 Multi Section	364.00
1-063-0173-202	Valve, Control, 1 1/4" NPT, NH3, SS	464.10
1-063-0173-203	Valve, On/Off, 1 1/4" NPT, NH3, SS	464.10
1-063-0173-204	Valve, Fast, 1 1/4" NPT, NH3, SS	514.15
1-063-0173-209	Valve, Assembly, 1-1/4" Ball, Stainless Steel	171.99
1-063-0173-256	Kit 1"S.S. Ball & Mnt Hrdwr NH3	178.36
1-063-0173-257	Valve, Assembly, 1" Ball, Stainless Steel	144.69
1-063-0173-312	1 -1/2 Y strainer assembly	88.57
1-063-0173-314	Assembly, Super Cooler	637.00
1-117-0171-121	Kit,Gasket	65.52
1-117-0171-129	Kit, Safety Label	25.48
1-117-0171-156	Retrofit Kit NH3 Control Valve & Adpt Cable	500.50
1-117-0171-158	Retrofit Kit NH3 On/Off Valve & Adpt Cable	491.40
1-117-0171-157	Retrofit Kit NH3 Fast Valve & Adpt Cable	609.70
1-117-0171-219	On/Off Control Valve Indicator Kit	17.29
1-117-0171-391	30 GPM (1 1/2") NH3 single cooler w/out valves, flowmeter or fittings	1642.55
1-214-0002-002	Tube only NH3 Vapor 3/4"	7.69
1-214-0002-003	Tube only NH3 Vapor 1/2"	7.69
1-219-0000-091	Teflon Gasket for 1-1/4 Strainer	3.82
1-219-0000-142C	Gasket, 1-1/4" Heat Exchanger	7.55
1-219-0000-143	Gasket, Flange, 1-1/2" Heat Exchanger	10.01
1-219-0000-144	Gasket, Retainer, Flange, 1-1/4" Heat Exchanger	18.20
1-219-0000-154	Gasket,Teflon for 1-1/2" Y Strainer	12.74
1-333-0003-019	Bushing reducer 1- 1/2 to 1- 1/4	6.37
1-333-9000-025	1-1/4 Y strainer assembly	59.15
1-333-9000-032	Screen, 20 Mesh for 1-1/4 Y Strainer	30.03
1-333-9000-066	Y Strainer, 1 1/2", NH3	49.14
1-333-9000-067	Screen, 20 Mesh for 1-1/2 Y Strainer	20.02
1-334-0001-063	Ball Valve, 1 1/2", Manual Safety NH3	170.17
1-422-0000-090	Pressure Transducer	239.33

RAVEN AccuFlow

		Price $
	NH3 CABLES FOR MULTI SECTION BAR	
1-115-0171-836	Cable NH3 Flow 3 section for 440/450/Switch Pro	377.65
1-115-0171-837	Cable NH3 Flow 3 section for 4400/Switch Pro	409.50
1-115-0159-856	Cable NH3 12' Extension for 1 to 3 section 440/450	163.80
1-115-0159-857	Cable NH3 24' Extension for 1 to 3 section 440/450	180.18
1-115-0171-838	Cable NH3 Flow 6 section for 440/450/Switch Pro	600.60
1-115-0171-839	Cable NH3 Flow 6 section for 4400/Switch Pro	623.35
1-115-0171-840	Cable NH3 12' Extension 6 section 440/450/Switch Pro	151.06
1-115-0171-841	Cable NH3 24' Extension 6 section 440/450/Switch Pro	232.96
1-115-0171-842	Cable NH3 12' Extension 6 section 4400/Switch Pro	171.99
1-115-0171-843	Cable NH3 24' Extension 6 section 4400/Switch Pro	254.80
1-115-0171-844	Cable Power NH3 Sections 4,5&6 use w/ 840, 841, 842 or 843	88.27
	NH3 CABLES FOR SINGLE SECTION BAR	
1-115-0171-800	Cable NH3 12' Flow single section for 440	191.01
1-115-0171-809	Cable NH3 12' Flow single section for 4400	283.92
1-115-0171-319	Cable NH3 12' Extension single section for 4400	338.52
1-115-0171-320	Cable NH3 24' Extension single section for 4400	347.62
	NH3 ON/OFF VALVE EXTENSION CABLES	
1-115-0171-832	Cable 6' Extension for NH3 On/Off Valve	57.33
1-115-0171-833	Cable 12' Extension for NH3 On/Off Valve	67.34
1-115-0171-834	Cable 24' Extension for NH3 On/Off Valve	80.99

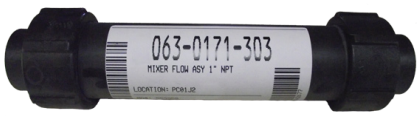
RAVEN AccuFlow HP

	KITS	
1-117-0171-392	Kit, AccuFlow HP, Dual Cooler, Two Valve	9632.35
1-117-0171-393	Kit, AccuFlow HP, Dual Cooler, Fast Valve	9386.65
1-117-0171-409	Kit, Vapor Tube 3/4 two tubes, kit inc hose and clamps	100.10
1-117-0171-410	Kit, Vapor Tube 1/2 four tubes, kit inc hose and clamps	138.32
	UPGRADE KITS, 1 1/4" COOLERS	
1-117-0171-331	Upgrade kit, pump, for coolers with 1 1/4" inlet and outlet to HP	6019.65
1-117-0171-332	Upgrade kit, two valve, for coolers with 1 1/4" inlet and outlet to HP	1665.30
1-117-0171-333	Upgrade kit, fast valve, for coolers with 1 1/4" inlet and outlet to HP	1424.15
	UPGRADE KITS,1 1/2" COOLERS	
1-117-0171-425	Upgrade kit, for coolers with 1 1/2" inlet, outlet and 1 1/2" valves	6019.65
	CONTROLLER KITS	
1-117-0171-334	Kit, AccuFlow HP, for existing SCS 4400 Switch Pro (GEN I)	919.10
1-117-5300-001	Kit, CAN AccuFlow HP, 3 section (GEN II)	1774.50
1-117-5300-002	Kit, CAN AccuFlow HP, 6 section (GEN II)	1920.10
1-117-6300-001	Kit, ISO AccuFlow HP, 3 section	1742.65
1-117-6300-002	Kit, ISO AccuFlow HP, 6 section	1860.95
	SERVICE KITS	
1-117-0171-354	Kit, seal pump, hyd. motor, NH3 HP	101.01
1-117-0171-353	Kit, seal pump, NH3 HP	396.76
	CABLES	
1-115-0171-909	Cable, Single Product Node, AccuFlow HP (GEN I)	218.40
1-115-0171-915	Cable, Chassis Cat Challenger / Generic Systems (GEN II)	432.25
1-115-0171-928	Cable, Implement Extension Tee, 1' (GEN II)	204.75
1-115-0171-916	Cable, Implement Extension Tee, 12' (GEN II)	273.00
1-115-0171-917	Cable, Implement Extension Tee, 24' (GEN II)	318.50
1-115-0171-927	Cable, Cab PWR/CAN SCS 4x00/5x00 Series (GEN II)	227.50
1-115-0171-940	Cable, Tee Adpt SCS 4400 to Accuflow HP Node	329.41
	VALVES	
1-063-0173-202	Valve, Control, 1 1/4" NPT, NH3, SS	464.10
1-063-0173-203	Valve, On/Off, 1 1/4" NPT, NH3, SS	464.10
1-063-0173-204	Valve, Fast, 1 1/4" NPT, NH3, SS	514.15

RAVEN

Sidekick Direct Injection

		Price $
	KITS	
1-117-0159-915	Kit, SCS-Sidekick, w/ 24 Gallon Tank (5-200 oz/min.)	3776.50
1-117-0159-916	Kit, SCS-Sidekick, w/out Tank (5-200 oz/min.)	3398.85
1-117-0159-975	Kit, SCS-Sidekick low volume w/out tank (1-40 oz/min)	3398.85
1-117-0159-976	Kit, SCS-Sidekick low volume w/ 24 gal tank (1-40 oz/min)	3776.50
	KIT COMPONENTS	
1-063-0171-964	SCS-Sidekick Console	850.85
1-115-0171-282	Cable Y Flowmeter (used w/ Ratio Rate Sidekick)	141.05
1-063-0172-483	Ratio Rate Sidekick Console	850.85
1-063-0172-428	Pump/Motor Assembly (5-200 oz/min)	2197.65
1-063-0172-511	Pump/Motor Assembly w/ Tank - 24 Gal (5-200 oz/min.)	2575.30
1-063-0172-510	Pump/Motor Assembly (1-40 oz/min)	2197.65
1-063-0172-512	Pump/Motor Assembly w/ Tank - 24 Gal (1-40 oz/min.)	2575.30
1-115-0171-130	Console Cable 15'	281.19
1-115-0171-138	Product Cable 27'	206.57
1-115-0171-147	Adapter Cable, Non-Raven to SCS-Sidekick	51.87
1-117-0159-760	Plumbing Kit	205.66
1-115-0171-305	Product Cable 3'	136.50
	CABLES	
1-115-0171-165	Adapter Cable, SCS-Sidekick to John Deere 4700/4710/4720	224.77
1-115-0171-522	Cable Boom SCS-Sidekick to John Deere 4920/4930	128.31
1-115-0171-523	Cable Boom Sense SCS-Sidekick to John Deere 4920/4930	796.25
1-115-0171-757	Boom Adapter Cable, SCS-Sidekick to John Deere 4730/4830	311.22
	INJECTION CHECK VALVES	
1-333-0011-078	Check Valve, 3/8", .5 PSI, SS, Teflan Ball (NH3, N-Serve)	72.80
1-333-0011-102	Check Valve, SS, 1/2", 12 PSI, (NH3, N-Serve)	65.52
1-333-0011-090	Check Valve, 1", 14 GPM, carrier	52.78
1-333-0011-091	Check Valve, 1 1/4", 22 GPM, carrier	65.52
1-333-0011-093	Check Valve, 2", 70 GPM, carrier	161.07
1-333-0011-094	Check Valve, 3", 110 GPM, carrier	275.09
	MISCELLANEOUS COMPONENTS	
1-106-0159-454	Sidekick Flash Cal Kit	77.35
1-117-0159-967	Sidekick Flash Cal Kit	30.03
	MOTOR CONTROLS	
1-063-0172-226	Motor Control (for Non-CAN system) w/out bracket	568.75
1-063-0172-297	Motor Control w/ bracket (replaces 063-0159-788)	591.50
1-063-0172-360	CAN Motor Control	859.95
1-063-0172-479	CAN Motor Control w/ Agitator control capability	878.15
1-115-0171-582	Cable, 35' Power CAN Motor Control	225.68
1-117-0159-984	Kit, Motor Control Mounting	40.95
9-117-0171-029	Kit, Motor Control CAN w/ Agit and Power Cable	941.85
9-117-0171-030	Kit, Motor Control CAN w/out Agit and Power Cable	905.45
	MIX-ALL AGITATORS (48" SHAFT CUT TO DESIRED LENGTH)	
1-910-0000-331	3" Blade Mix-All Electric Agitator	796.25
1-910-0000-341	4" Blade Mix-All Electric Agitator	864.50
1-115-0159-468	30' Extension Cable for Agitators	72.80
	IN-LINE MIXERS	
1-063-0159-632	In-Line Mixer, 1 1/4" Poly	136.50
1-063-0171-300	In-Line Mixer, 2" Poly	159.25
1-063-0171-303	In-Line Mixer, 1" Poly	136.50
1-333-9000-010	Stainless Steel Mixer, 3" Diameter	550.55
1-063-0171-784	Mixer, Flow Assembly 1" NPT (Cast Iron) NH3	182.00
1-063-0173-388	Mixer, Flow Assembly 1 1/4" NPT (Cast Iron) NH3	204.75
1-063-0173-264	4" Mixer, SS, assembled w/ back check and injection ports	1001.00
1-063-0173-272	3" Mixer, SS, assembled w/ back check and injection ports	855.40
1-063-0173-235	2" Mixer, SS, assembled w/ back check and injection ports	395.85
1-063-0173-432	Mixer. 1" NPT, Low Flow	204.75



RAVEN Sidekick Direct Injection

		Price $
	TANKS AND SADDLES	
1-117-0159-540	24 gal. Poly Tank	188.37
1-117-0159-541	24 gal. Poly Tank (Agitator)	217.49
1-117-0159-555	Kit Plug Asy Inject	55.51
1-118-0159-043	Cover 8-16-24 Gal Tank	6.73
1-117-0159-554	Kit Saddle Asy 24 Gal Tank	159.25
1-118-0159-007	Tank Saddle Only	68.25
	AGITATOR KITS	
1-117-0159-542	Kit, Agitator, 8 Gal	637.00
1-063-0159-729	Kit, Agitator, 15 Gal	459.55
1-117-0159-543	Kit, Agitator, 16 Gal	637.00
1-117-0159-544	Kit, Agitator, 24 Gal	682.50
9-063-0159-678	Kit, Agitator, 30 Gal	637.00

RAVEN Sidekick Pro Direct Injection

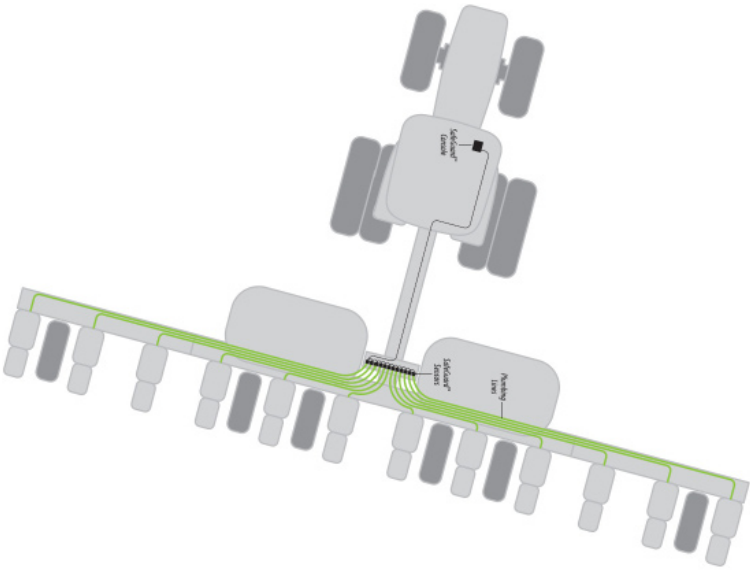
	KITS	
1-063-0173-201	Kit, Injection Pump, 1-40 oz/min	2830.10
1-063-0173-200	Kit, Injection Pump, 5-200 oz/min	2830.10
1-063-0173-212	Kit, Injection Pump w/ tank, 1-40 oz/min	3207.75
1-063-0173-213	Kit, Injection Pump w/ tank, 5-200 oz/min	3207.75
	CABLES	
1-115-0171-943	Cable, CAN motor control, with agitator (GEN I)	425.88
1-115-0171-944	Cable, CAN motor control, without agitator (GEN I)	371.28
1-115-0171-952	Cable, Node Injection Pump (GEN II)	253.89
1-115-0171-948	Cable, Node Injection Pump with agitator (GEN II)	326.69
1-115-0171-953	Cable, 35', 3rd/4th injection pump (GEN II)	380.38
1-115-0171-954	Cable, 6', 3rd/4th injection pump (GEN II)	315.77
1-115-0171-955	Cable, 12', 3rd/4th injection pump (GEN II)	339.43
1-115-0171-956	Cable, 24', 3rd/4th injection pump (GEN II)	371.28
1-115-0171-957	Cable, 36', 3rd/4th injection pump (GEN II)	396.76
	COMPONENTS	
1-063-0173-081	Pump, 5-200 oz/min	2598.05
1-063-0173-103	Pump, 1-40 oz/min	2598.05
1-063-0173-260	Valve, recirculation w/ calibrator	275.73
1-106-0159-637	Cover, calibrator	26.39
1-117-0171-394	Bearing Kit (pump, drive bearing, screws, o-ring and key)	44.59
1-117-0159-987	Seal Kit for Pump	35.49
1-333-0011-100	Check Valve, recirculation/priming w/ bleed hole	66.43
1-416-0000-039	Motor, 12V, 1250 RPM	527.80
1-416-0000-040	Motor, 12V, 250 RPM, sealed	841.75
1-063-0172-924	Pump Only	1119.30
1-063-0172-504	Inlet Check Valve Assembly	80.99
1-063-0173-310	Outlet Check Valve with Transducer	87.36
1-063-0172-503	Intake Check Valve Assembly	80.99
1-063-0172-822	Pump Calibrator	141.05

MICRO-TRAK SYSTEMS, INC. SafeGuard Liquid Blockage Monitor

		Price $
01837-04S	SafeGuard Liquid Blockage Kit W/4 Sensors, 3” Leads	845.00
01837-04L	SafeGuard Liquid Blockage Kit W/4 Sensors, 20” Leads	906.10
01837-06S	SafeGuard Liquid Blockage Kit W/6 Sensors, 3” Leads	1,001.00
01837-06L	SafeGuard Liquid Blockage Kit W/6 Sensors, 20” Leads	1,059.50
01837-08S	SafeGuard Liquid Blockage Kit W/8 Sensors, 3” Leads	1,157.00
01837-08L	SafeGuard Liquid Blockage Kit W/8 Sensors, 20” Leads	1,266.20
01837-12S	SafeGuard Liquid Blockage Kit W/12 Sensors, 3” Leads	1,469.00
01837-12L	SafeGuard Liquid Blockage Kit W/12 Sensors, 20” Leads	1,586.00
01837-16S	SafeGuard Liquid Blockage Kit W/16 Sensors, 3” Leads	1,781.00
01837-16L	SafeGuard Liquid Blockage Kit W/16 Sensors, 20” Leads	1,937.00
01837-24S	SafeGuard Liquid Blockage Kit W/24 Sensors, 3” Leads	2,405.00
01837-42L	SafeGuard Liquid Blockage Kit W/24 Sensors, 20” Leads	2,639.00
01837-36S	SafeGuard Liquid Blockage Kit W/36 Sensors, 3” Leads	3,341.00
01837-36L	SafeGuard Liquid Blockage Kit W/36 Sensors, 20” Leads	3,692.00
01837-48S	SafeGuard Liquid Blockage Kit W/48 Sensors, 3” Leads	4,277.00
01837-48L	SafeGuard Liquid Blockage Kit W/48 Sensors, 20” Leads	4,745.00
18496	6-Pin 2.5’ Sensor Extension Cable	35.70
18497	6-Pin 5’ Sensor Extension Cable	44.10
18498	6-Pin 10’ Sensor Extension Cable	60.20
18500	6-Pin 20’ Sensor Extension Cable	93.10
18502	6-Pin 30’ Sensor Extension Cable	126.00
18538	SafeGuard Network Terminator Plug	13.30
18525	6-Pin 15’ M/P 150 to Sensor Cable Extension	69.30
18526	6-Pin 15’ M/P 150 to Sensor Cable Extension	39.90
18155	10’ Power Cable	22.33
01840	Implement Switch	224.70
01875	ISO Module Kit	682.50
01837	SafeGuard Console Kit	533.00
01838	SafeGuard Liquid Blockage Sensor w/3” Leads	78.00
01839	SafeGuard Liquid Blockage Sensor w/20” Leads	87.75
18511	Cartridge, Assorted Weight for Flow Rate	5.13
18531	SafeGaurd Liquid Implement Switch Module	146.73

SafeGuard Blockage Monitor offers many advantages over other methods:

- Instantly detects and alerts the operator of blockages
- Audible alarm immediately alerts operator of blockage.
- Display immediately alerts operator of blockage
- Monitors all runs continuously
- Alerts operator regardless of lighting conditions
- Blockage is detected while your attention is on other things.
- Same performance Day or Night, Rain or Shine.
- System is not affected by cloudy or dark liquids.
- Achieve full benefits of liquid fertilizer application knowing all rows are applying.
- Blockage notification for a wide variety of product applications, starter fertilizers, herbicides, insecticides, fungicides, fumigants, etc.



VISA MasterCard DISCOVER NETWORK Order online at www.spraypartswarehouse.com

MICRO-TRAK SYSTEMS, INC. Speed, Area and Distance Monitors

			Price $
	01000	Calc-An-Acre II w/magnetic wheel sensor	277.90
	01001	Calc-An-Acre II Customized, NO speed sensor	240.15

MICRO-TRAK SYSTEMS, INC. FlowMate Monitors

	01740	FlowMate Flow Monitor w/FM750 Low Flow (LF) GFN	523.60
	01741	FlowMate Flow Monitor w/FM750 GFN	491.40
	01739	FlowMate Flow Monitor Customized (choose flowmeter kit)	237.30

MICRO-TRAK SYSTEMS, INC. Sprayer Monitors

	01020	Flow-Trak II w/FM750 GFN flowmeter, magnetic wheel sensor	764.40
	01170	Flow-Trak II w/FM750 GFN flowmeter - NO SPEED SENSOR	655.20
	01021	Flow-Trak II Customized (choose ground speed sensor and flowmeter kit)	393.40

MICRO-TRAK SYSTEMS, INC. Automatic Sprayer Control Kits

	01171	SprayMate II w/ FM750 GFN Flowmeter, 1" Servo	953.40
	01184	SprayMate II Starter Fert kit w/FM500, 3/4 Servo	1033.20
	01188	SprayMate II Starter Fert kit w/FM500, 40a. EMD	1117.20
	01192	SprayMate II Starter Fert kit w/FM750, 3/4 Servo	1094.10
	01196	SprayMate II Starter Fert kit w/FM750, 40a. EMD	1173.90
	01340	SprayMate II w/ FM750 GFN Flowmeter, 1" Servo, & magnetic wheel speed sensor	1068.90
	01352	SprayMate Plus w/ FM750 GFN Flowmeter, 1" Servo, & magnetic wheel speed sensor	1281.00
	01224	MT-2405 F II w/FM750 GFN flowmeter, 1" servo valve, magnetic wheel sensor	952.00
	01172	MT-3405 F II w/FM750 GFN flowmeter, 1" servo valve - NO SPEED SENSOR	1201.20
	01240	MT-3405 F II w/FM750 GFN flowmeter, 1" servo valve, magnetic wheel sensor	1303.10
	01149	MT-3407 F II Complete w/FM750 GFN, 1" Servo - & Mag Speed	1484.70
	01154	MT-3407 F II Complete w/FM750 GFN, 1" Servo - NO Speed	1342.60
		<u>SPEED SENSORS</u>	
	01410	Astro II GPS Speed Sensor	242.90
	01425	Astro 5 GPS Speed Sensor	326.90
	01526	Vansco Radar Speed Sensor w/Gen II adapter cable	598.50
	01531	Hall-Effect Magnetic Wheel Speed Sensor Kit w/15' Extension Cable	115.50
	01533	Hall-Effect Drive Shaft Speed Sensor Kit without Extension Cable	61.60

MICRO-TRAK SYSTEMS, INC. Customized Auto Sprayer Controls

		Price $
	CONSOLES	
01341	SprayMate II Customized (3 boom switches)	508.90
01349	SprayMate Plus Customized (3 section switches)	720.30
01226	MT-2405 F II Customized (use with existing boom switches)	401.10
01264	MT-3403 F II Customized (3 boom switches)	766.50
01241	MT-3405 F II Customized (5 boom switches)	766.50
01583	MT-3407 F II Customized (7 boom switches)	928.90
01091	MT-9000 Customized (6 boom switches)	994.70
	OPTIONAL ITEMS	
01619	Trak-Record II	410.90
01189	Wireless Remote Kit	308.70
01555	Pressure Sensor Kit	351.40

MICRO-TRAK SYSTEMS, INC. Flowmeter Kits

	TURBINE	
01500	FM500 Flowmeter Kit .5-5 GPM 500 PSI MAX	245.00
01501	FM750 GFN Flowmeter Kit 2-40 GPM 150 PSI MAX	245.00
01504	FM750 SS Flowmeter Kit 2-40 GPM 500 PSI MAX	442.40
01507	FM750 SS Flowmeter Kit (w/ceramic) 2-40 GPM 500 PSI MAX	442.40
01650	FM750 LF GFN Flowmeter Kit .5-12 GPM 150 PSI MAX	302.40
01851	FM750 LF SS Flowmeter Kit 1-20 GPM 500 PSI MAX	500.50
01505	FM1000 SS Flowmeter Kit 3.5-70 GPM 500 PSI MAX	479.50
01515	FM270 Flowmeter Kit 3.5-70 GPM 175 PSI MAX	402.50
01514	FM10/100 Flowmeter Kit 10-100 GPM 175 PSI MAX	417.20
01506	FM1500 SS Flowmeter Kit 10-130 GPM 500 PSI MAX	632.10
01519	FM1500 SS LF Flowmeter Kit 3.5-70 GPM 500 PSI MAX	658.70
01511	FM2000 P Flowmeter Kit 19-198 GPM 285 PSI MAX	729.70
01513	FM3000 P Flowmeter Kit 40-396 GPM 855 PSI MAX	954.80
14903	Low-Flow Flow Combiner Module, requires two of the same model flowmeter	171.09
	MAGNETIC	
01821	MM3 - .13 to 2.6 GPM, 290 PSI, 3/4 FPT	1074.50
01822	MM5 - .3 to 5 GPM, 290 PSI, 3/4 FPT	1074.50
01823	MM13 - .6 to 13GPM, 290 PSI, 3/4 FPT	1074.50
01824	MM26 - 1.3 to 26GPM, 290 PSI, 1" FPT	1074.50
01825	MM53 - 2.6 to 53 GPM, 290 PSI, 1" FPT	1074.50
01826	MM106 - 5to 106GPM, 290 PSI, 1-1/2 FPT	1074.50
01827	MM158 - 8 to 158 GPM, 290 PSI, 2" FPT	1100.10
01749	MM238 - 12 to 238 GPM, 290 PSI, 2" FPT	1100.10

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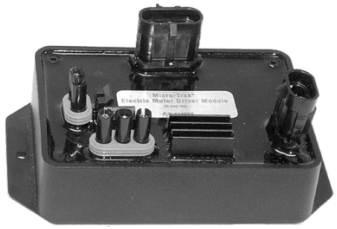
MICRO-TRAK SYSTEMS, INC. Flow Control (Servo) Valve Kits

		Price $
00745	3/4" M-T Servo Valve Kit 150 PSI MAX	195.30
00746	3/4" High Pressure M-T Servo Valve Kit 300 PSI MAX	229.60
14928	1" Servo Valve Model 2005 150 PSI MAX	200.90
14957	1" High Pressure Servo Valve Model 2005 300 PSI MAX	234.50
17088	1" Servo Valve Model 2005 (aqueous ammonia) 150 PSI MAX	200.90
17380	Control (servo) Valve Amplifier Module	131.78
01564	Flanged Servo Valve Kit (1" butterfly, 1.5" threads) 150 PSI MAX	282.80
01565	Flanged Servo Valve Kit (1.5" butterfly, 1.5" threads) 150 PSI MAX	282.80
01566	Flanged Servo Valve Kit (aqueous ammonia) (1" butterfly, 1.5" threads) 150 PSI MAX	282.80
01567	Flanged Servo Valve Kit (aqueous ammonia) (1.5" butterfly, 1.5" threads) 150 PSI MAX	282.80

MICRO-TRAK SYSTEMS, INC. Electric Motor Driver Kits



18008	10-Amp Standard Electric Motor Driver Kit	254.80
18108	10-Amp PWM Electric Motor Driver Kit	254.80
01757	40-Amp Standard Electric Motor Driver Kit	380.80
01758	40-Amp PWM Electric Motor Driver Kit	380.80
	EMD MULTI-SECTION ADAPTERS	
18034	Multi-Section EMD Adapter Cable (SprayMate II)	52.53
01725	Master Control Kit EMD Multi-Section (MT-3405FII)	265.30

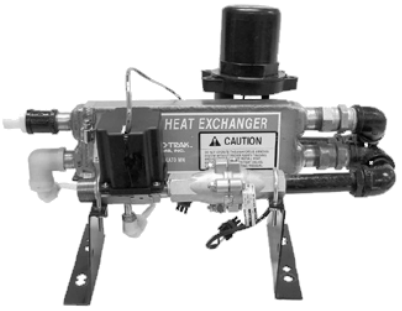
MICRO-TRAK SYSTEMS, INC. Dual Channel Controller

	CONSOLES WITH MAIN HARNESS	
01185	MT-3405 D Customized (5 boom switches)	1325.10
	CHANNEL 2 OPTIONS	
17165	Channel 2 Local Speed Adapter Cable	68.60
17184	Channel 2 Liquid Harness (MT3405-D)	194.60
01781	MT3405D Parallel Boom "Y" Cable Kit	221.73
	OPTIONAL ITEMS	
01619	Trak-Record II	410.90
01189	Wireless Remote Kit	308.70

MICRO-TRAK SYSTEMS, INC. Twin Pump Controller

01454	Twin Pump Controller Customized	957.60
	PUMP HARNESS KITS	
01711	1 Pump 25' Harness Kit	190.40
01712	1 Pump 45' Harness Kit	296.80
01709	2 Pump 25' Harness Kit	287.00
01710	2 Pump 45' Harness Kit	454.30

MICRO-TRAK SYSTEMS, INC. Automatic NH-3 Rate Control



		Price $
	CONTROLLER	
01144	MT-NH3 II Customized for NH3	541.10
01229	MT-2405 F II Customized for NH3	372.40
01244	MT-3405 F II Customized for NH3	702.10
01342	SprayMate II Console Kit for NH-3	455.70
01783	SprayMate Plus Console Kit for NH-3	667.80
01784	MT-3405D Console Kit for NH-3	1253.00
	Controller Options	
01619	Trak-Record II w/GPS Input (includes 128 meg Flash Drive)	410.90
	NH-3 HARNESS KITS	
	Single Section Kits	
01790	MT-NH-3/MT-3405D channel 2 Harness Kit	185.50
01791	SprayMate NH-3 Harness Kit	223.30
01792	MT-2405 NH-3 Harness Kit	396.90
01793	MT-3405/9000/3405D channel 1 Harness Kit	245.00
01794	MT-3000 NH-3 Harness Kit	261.10
	Multi-Section Kits	
01795	SprayMate NH-3 Multi-Section Harness Kit	504.70
01796	MT-3405/9000/3405D Multi-Section Harness Kit	587.30
	LIQUIFIER KITS INCLUDES COOLER, VAPOR TUBES & HDW	
01815	Liquifier Junior Ultra-Low Kit for 600-2800 lbs/hour	2406.60
01816	Liquifier Junior Kit for 1000-6000 lbs/hour	2406.60
01817	Liquifier Kit for up to 12000 lbs/hour	3213.00
01818	Liquifier Max Kit for up to 21000 lbs/hour	7132.30
17972	KZ NH-3 Shutoff Valve for section shutoff	658.12
	COOLER RETROFIT KITS	
01772	Liquifier Cooler Retro Kit	1543.50
01775	Liquifier Max Cooler Retro Kit	3943.10

MICRO-TRAK SYSTEMS, INC. GSC-1000 Custom Auto Dry/Hydr. Rate Control

	CONSOLES W/MAIN HARNESS	
01402	GSC-1000 Customized (standard control)	763.70
01403	GSC-1000 Customized (PWM control)	763.70
	CONTROLLER OPTIONS	
01189	Wireless Remote Kit	308.70
01539	RPM Shaft Sensor Kit	64.92
	FLOW SENSORS	
01554	Gear Tooth Sensor Kit w/15' Extension Cable	182.00
	HYDRAULIC CONTROL VALVES	
13859	5 GPM Hydraulic Valve 3.5 sec. 3000 PSI	651.00
17564	10 GPM Hydraulic Valve 1.0 sec. 3000 PSI	651.00
14885	10 GPM Hydraulic Valve 3.5 sec. 3000 PSI	651.00
13857	15 GPM Hydraulic Valve 3.5 sec. 3000 PSI	651.00
13860	20 GPM Hydraulic Valve 3.5 sec. 3000 PSI	734.30
13858	35 GPM Hydraulic Valve 3.5 sec. 3000 PSI	734.30
17160	Optional Adjustable Relief Valve	115.50
01745	PWM Valve, 8GPM w/ adapter cable	362.60
	ELECTRIC MOTOR / SHUTOFF VALVE ASSY	
17576	4.9 CID Hydraulic Motor/Shutoff Valve Assy (no sprockets)	1099.70
17356	9.6 CID Hydraulic Motor/Shutoff Valve Assy (no sprockets)	1173.90

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MICRO-TRAK SYSTEMS, INC. GPS Speed Sensors

		Price $
	ASTRO II GPS SPEED SENSORS (1 HZ)	
01410	Astro II w/3-pin M-T Base I & II M/P	242.90
01411	Astro II w/3-pin MT-3000/5000 W/P	242.90
01412	Astro II w/2-pin Round M-T Old Style Calc-An-Acre, Flow-Trak, Speed-O-Meter	242.90
01413	Astro II w/4-pin DICKEY-john AMP	242.90
01414	Astro II w/4-pin DICKEY-john PACKARD	242.90
01415	Astro II w/3-pin Raven CONXALL	242.90
01416	Astro II w/4-pin Magnavox & Phillips PACKARD	242.90
01417	Astro II w/3-pin Spraying Systems #844 DEUTSCH	242.90
01419	Astro II w/3-pin Spraying Systems #855 DEUTSCH (round shell)	242.90
01420	Astro II w/3-pin Hiniker CANNON	266.00
	ASTRO 5 GPS SPEED SENSORS (5 HZ)	
01425	Astro 5 w/3-pin M-T Base I & II M/P	326.90
01426	Astro 5 w/3-pin MT-3000/5000 W/P	326.90
01427	Astro 5 w/2-pin Round M-T Old Style Calc-An-Acre, Flow-Trak, Speed-O-Meter	326.90
01428	Astro 5 w/4-pin DICKEY-john AMP	326.90
01429	Astro 5 w/4-pin DICKEY-john PACKARD	326.90
01430	Astro 5 w/3-pin Raven CONXALL	326.90
01431	Astro 5 w/4-pin Magnavox & Phillips PACKARD	326.90
01432	Astro 5 w/3-pin Spraying Systems #844 DUETSCH	326.90
01433	Astro 5 w/3-pin Spraying Systems #855 DUETSCH (round shell)	326.90
01435	Astro 5 w/3-pin Hiniker CANNON	349.30
01437	Astro 5 w/3-pin M-T Base I & II M/P w/DB 9	349.30
	ASTRO ADAPTER CABLES	
17338	3-pin M/P to MT-3000/5000 3-pin W/P Adapter Cable	38.76
17433	3-pin M/P to 4-pin AMP Adapter Cable	123.00
17536	3-Pin WP to 3-Pin M/P Adapter Cable	25.11
18279	3-Pin M/P to Raven/Dj Y-Cable	72.67
18602	3-pin M/P to 3-pin M/P to 4-pin AMP (Dj) Y Cable	72.67

MICRO-TRAK SYSTEMS, INC. Radar / Magnetic Speed Sensors

01526	Vansco Radar Speed Sensor w/Gen II Adapter	598.50
01527	Vansco Radar Speed Sensor w/Gen I Adapter	598.50
01528	Vansco Radar Speed Sensor w/4-pin AMP	583.80
01531	Hall Effect Wheel Sensor Kit w/ 15' Ext Cable	115.50
01533	Hall Effect Drive Shaft Sensor Kit w/no Cable	61.61
01553	Speed Adapter, 3-pin MP to single wire tap	18.20
01554	Gear Tooth Sensor w/15' Ext Cable	182.00
14810	Radar Adapter for In-Cab JD M/P 150 Connector	30.80
14811	Same as Above with Y-cable	37.10
14812	Adapter for Dickey-john AMP Connector w/ Y	69.30
14813	Adapter for Dickey-john Cannon Connector w/ Y	69.30
14814	Adapter for Dickey-john Duetsch Connector w/ Y	69.30
14815	Adapter for Dickey-john Packard Connector w/ Y	69.30
14926	Adapter for Dickey-john AMP to 3-pin MPS	37.10
18041	Adapter for in-cab JD 1-pin MP280	11.90
18319	Adapter for in-cab Case MX (Britax)	69.30

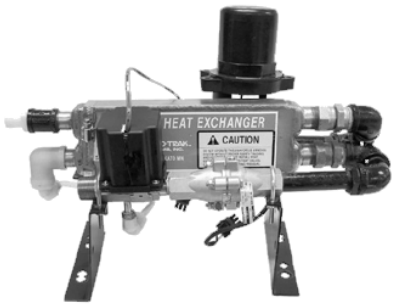
MICRO-TRAK SYSTEMS, INC. DirectConnect Auto Section Control

17593	RINEX T-Adapter for MT2405 FII	136.50
17639	RINEX T-Adapter for MT3405/5/7 FII	184.10
17642	RINEX T-Adapter for SprayMate II, GSC-1000	156.10
17697	400 Series Auto Section Parallel Adapter Cable	219.10
17697	Outback AutoMate Parallel Adapter Cable	219.10
17697	Raven 400 Series Parallel Adapter Cable	219.10
17891	TeeJet BoomPilot T-Adapter	252.70

MICRO-TRAK SYSTEMS, INC. DirectConnect Liquid Control Kits

		Price $
	MAIN HARNESS KITS	
	Topcon	
17625	DirectConnect Topcon w/30S ECU, 1-7 Section Harness Kit	443.80
18351	DirectConnect Topcon w/ASC-10 ECU, Single Section Harness Kit	317.10
18352	DirectConnect Topcon w/ASC-10 ECU, 1-6 Section Harness Kit	410.20
18353	DirectConnect Topcon w/ASC-10 ECU, 1-10 Section Harness Kit	478.10
	John Deere	
01828	GreenStar Rate Controller DirectConnect Single Section Harness Kit	350.00
01829	GreenStar Rate Controller DirectConnect 1-6 Section Harness Kit	476.40
01830	GreenStar Rate Controller DirectConnect 1-10 Section Harness Kit	588.00
18458	GreenStar Rate Controller DirectConnect Master/Relief/Agitation Cable	116.80
	Trimble	
17627	DirectConnect Trimble EZ boom 2010, 1-7 Section Harness Kit	511.00
18328	DirectConnect Trimble Field IQ Single Section Harness Kit, 7'	199.50
18349	DirectConnect Trimble Field IQ 1-6 Section Harness Kit, 2'	343.00
18350	DirectConnect Trimble Field IQ 1-12 Section Harness Kit	439.60
	Raven	
17628	Raven 440/450 Harness Kit for Liquid	511.00
	AgLeader	
01651	AgLeader DirectCommand Kit for Liquid	238.00
	Case	
18294	Case Pro 600/700 10' Liquid Fertilizer Cable	122.41

MICRO-TRAK SYSTEMS, INC. DirectConnect NH-3 Control Kits



	Topcon X20, X10 w/30S ECU Kits, ASC-10	
01524	Topcon Single Section NH-3Harness Kit	287.00
01529	Topcon 5 Section NH-3 Harness Kit	455.70
18351	DirectConnect Topcon w/ASC-10 ECU, Single Section Harness Kit	317.10
	John Deere	
01828	GreenStar Rate Controller DirectConnect Single Section Harness Kit	350.00
01829	GreenStar Rate Controller DirectConnect 1-6 Section Harness Kit	476.70
01830	GreenStar Rate Controller DirectConnect 1-10 Section Harness Kit	588.00
18458	GreenStar Rate Controller DirectConnect Master/Relief/Agitation Cable	116.80
	Trimble	
01594	Trimble EZ boom 2010, Single Section Harness Kit	352.80
01595	Trimble EZ boom 2010, 5 Section Harness Kit	486.50
18328	DirectConnect Trimble Field IQ Single Section Harness Kit, 7'	199.50
18349	DirectConnect Trimble Field IQ 1-6 Section Harness Kit, 2'	343.00
18350	DirectConnect Trimble Field IQ 1-12 Section Harness Kit	439.60
	Raven	
01596	Raven 440/450 Single Section Harness Kit	352.50
01597	Raven 440/450 Five Section Harness Kit	486.50
	AgLeader	
01586	AgLeader DirectCommand Single Section Kit	364.70
01587	AgLeader DirectCommand Five Section Kit	728.70
01588	AgLeader DirectCommand Ten Section Kit	777.00